

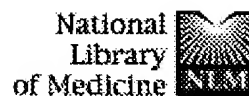
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


















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

















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






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















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
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
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
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
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
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
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
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
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
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
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
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
















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






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
















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













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
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
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
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
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








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
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PMID: 8188716 [PubMed - indexed for MEDLINE]

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L1 13021 NEUREGULIN

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61 FILES SEARCHED...
L2 3823 ERB3 OR ERBB4

=> s erbB3 OR erbB4
44 FILES SEARCHED...
L3 6050 ERBB3 OR ERBB4

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=> s L6 AND human
17 FILES SEARCHED...
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L7 166 L6 AND HUMAN

=> D L7 1-166

L7 ANSWER 1 OF 166 AQUASCI COPYRIGHT 2004 FAO (On behalf of the ASFA Advisory Board). All rights reserved. on STN
AN 2000:31132 AQUASCI
DN ASFA1 2000
TI Cloning and neuronal expression of a type III newt ***neuregulin*** and rescue of denervated, nerve-dependent newt limb blastemas by rhGGF2
AU Wang, Lisheng; Marchionni, M.A.; Tassava, R.A.*
CS Department of Molecular Genetics, Ohio State University, Columbus, Ohio 43210, USA); E-mail: Tassava.1@osu.ed
SO Journal of Neurobiology [J. Neurobiol.], (***20000500***) vol. 43, no. 2, pp. 150-158.
ISSN: 0022-3034.
DT Journal
FS ASFA1
LA English
SL English

L7 ANSWER 2 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:418123 BIOSIS
DN PREV200000418123
TI Structure and function of NTAk, a novel ligand of receptor tyrosine kinase
ErbB.
AU Higashiyama, Shigeki [Reprint author]; Taniguchi, Naoyuki; Ishiguro,
Hiroshi; Nagatsu, Toshiharu
CS Department of Biochemistry, School of Allied Health Science, Osaka
University Faculty of Medicine, 1-7, Yamadaoka, Suita, 565-0871, Japan
SO Japanese Journal of Electrophoresis, (June, 2000) Vol. 44, No. 2, pp.
125-130. print.
CODEN: SBBKA4. ISSN: 0031-9082.
DT Article
LA Japanese
ED Entered STN: 4 Oct 2000
Last Updated on STN: 8 Jan 2002

L7 ANSWER 3 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:417090 BIOSIS
DN PREV200000417090
TI Ligand discrimination in signaling through an ***ErbB4*** receptor
homodimer.
AU Sweeney, Colleen [Reprint author]; Lai, Cary; Riese, David J., II;
Diamonti, A. John; Cantley, Lewis C.; Carraway, Kermit L., III
CS Beth Israel Deaconess Medical Center, Harvard Inst. of Medicine, 330
Brookline Ave., Rm. 1018, Boston, MA, 02215, USA
SO Journal of Biological Chemistry, (June 30, 2000) Vol. 275, No. 26, pp.
19803-19807. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 4 Oct 2000
Last Updated on STN: 8 Jan 2002

L7 ANSWER 4 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:358477 BIOSIS
DN PREV200000358477
TI Role of receptors of the erbB family on activation of androgen receptor in
prostate cancer cells.
AU Klocker, Helmut [Reprint author]; Putz, Thomas [Reprint author]; Eder,
Iris E. [Reprint author]; Nessler-Menardi, Claudia [Reprint author];
Bartsch, Georg [Reprint author]; Culig, Zoran [Reprint author]
CS Department of Urology, University of Innsbruck, Innsbruck, Austria
SO European Urology, (March, 2000) Vol. 37, No. Suppl. 2, pp. 8. print.
Meeting Info.: XVth Congress of the European Association of Urology.
Brussels, Belgium. April 12-15, 2000.
CODEN: EUURAV. ISSN: 0302-2838.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 16 Aug 2000
Last Updated on STN: 8 Jan 2002

L7 ANSWER 5 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:358429 BIOSIS
DN PREV200000358429
TI NTAk α and β isoforms stimulate breast tumor cell growth by means of
different receptor combinations.
AU Nakano, Norihiko; Higashiyama, Shigeki; Kajihara, Kenichi; Endo, Takeshi;
Ishiguro, Hiroshi; Yamada, Kouji; Nagatsu, Toshiharu; Taniguchi, Naoyuki
[Reprint author]
CS Department of Biochemistry, Osaka University Medical School, 2-2
Yamadaoka, Room B-1, Suita, Osaka, 565-0871, Japan
SO Journal of Biochemistry (Tokyo), (May, 2000) Vol. 127, No. 5, pp. 925-930.
print.
CODEN: JOBIAO. ISSN: 0021-924X.
DT Article
LA English
ED Entered STN: 16 Aug 2000
Last Updated on STN: 8 Jan 2002

L7 ANSWER 6 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:309531 BIOSIS
DN PREV200000309531

TI Regulation of ***neuregulin*** signaling by PSD-95 interacting with
ErbB4 at CNS synapses.
AU Huang, Yang Z.; Won, Sandra; Ali, Declan W.; Wang, Qiang; Tanowitz,
Michael; Du, Quan S.; Pelkey, Kenneth A.; Yang, Da J.; Xiong, Wen C.;
CS Salter, Michael W.; Mei, Lin [Reprint author]
Department of Neurobiology, Pathology, and Physical Medicine and
Rehabilitation, University of Alabama at Birmingham, Birmingham, AL,
35294, USA
SO Neuron, (May, 2000) Vol. 26, No. 2, pp. 443-455. print.
ISSN: 0896-6273.
DT Article
LA English
ED Entered STN: 19 Jul 2000
Last Updated on STN: 7 Jan 2002

L7 ANSWER 7 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:265585 BIOSIS
DN PREV200000265585
TI Cell death induced by TNF or serum starvation is independent of ErbB
receptor signaling in MCF-7 breast carcinoma cells.
AU Egeblad, Mikala; Jaattela, Marja [Reprint author]
CS Apoptosis Laboratory, Institute of Cancer Biology, Danish Cancer Society,
Strandboulevarden 49, DK-2100, Copenhagen, Denmark
SO International Journal of Cancer, (June 1, 2000) Vol. 86, No. 5, pp.
617-625. print.
CODEN: IJCNAW. ISSN: 0020-7136.
DT Article
LA English
ED Entered STN: 30 Jun 2000
Last Updated on STN: 5 Jan 2002

L7 ANSWER 8 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:252292 BIOSIS
DN PREV200000252292
TI Effect of overexpression of different receptors of the EGFR receptor
family on androgen receptor activity in prostate cancer cells.
AU Klocker, Helmut [Reprint author]; Putz, Thomas [Reprint author]; Eder,
Iris E. [Reprint author]; Bartsch, Georg [Reprint author]; Culig, Zoran
[Reprint author]
CS Univ of Innsbruck, Innsbruck, Austria
SO Proceedings of the American Association for Cancer Research Annual
Meeting, (March, 2000) No. 41, pp. 237-238. print.
Meeting Info.: 91st Annual Meeting of the American Association for Cancer
Research. San Francisco, California, USA. April 01-05, 2000.
ISSN: 0197-016X.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 14 Jun 2000
Last Updated on STN: 5 Jan 2002

L7 ANSWER 9 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:224961 BIOSIS
DN PREV200000224961
TI Characterization of ErbB receptor expression and ***neuregulin***
responsiveness by medulloblastoma cell lines in vitro.
AU Gilbertson, Richard J. [Reprint author]; Hernan, R.; Moore, K.; Pietsch,
T.; Pearson, A. D. J.; Lunec, J.
CS Univ of Bonn Med Ctr, Bonn, Germany
SO Proceedings of the American Association for Cancer Research Annual
Meeting, (March, 2000) No. 41, pp. 457. print.
Meeting Info.: 91st Annual Meeting of the American Association for Cancer
Research. San Francisco, California, USA. April 01-05, 2000.
ISSN: 0197-016X.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 31 May 2000
Last Updated on STN: 5 Jan 2002

L7 ANSWER 10 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:131079 BIOSIS
DN PREV200000131079
TI ***Neuregulin*** and erbB receptor expression in normal and diseased
human white matter.
AU Cannella, Barbara [Reprint author]; Pitt, David; Marchionni, Mark; Raine,

Cedric S.
CS Department of Pathology (Neuropathology), F140, Albert Einstein College of
Medicine, 1300 Morris Park Avenue, Bronx, NY, 10461-1602, USA
SO Journal of Neuroimmunology, (Dec., 1999) Vol. 100, No. 1-2, pp. 233-242.
print.
CODEN: JNRIDW. ISSN: 0165-5728.
DT Article
LA English
ED Entered STN: 12 Apr 2000
Last Updated on STN: 4 Jan 2002

L7 ANSWER 11 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:87003 BIOSIS
DN PREV200000087003
TI ***Neuregulin*** activation of ErbB receptors in vascular endothelium
leads to angiogenesis.
AU Russell, Kerry Strong; Stern, David F.; Polverini, Peter J.; Bender,
Jeffrey R. [Reprint author]
CS Boyer Center for Molecular Medicine, Yale Univ. School of Medicine, 295
Congress Ave., 454C, New Haven, CT, 06536-0812, USA
SO American Journal of Physiology, (Dec., 1999) Vol. 277, No. 6 part 2, pp.
H2205-H2211. print.
CODEN: AJPHAP. ISSN: 0002-9513.
DT Article
LA English
ED Entered STN: 1 Mar 2000
Last Updated on STN: 3 Jan 2002

L7 ANSWER 12 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:67106 BIOSIS
DN PREV200000067106
TI Primate dopaminergic neurons express the ***ErbB4***
neuregulin receptor and are protected from injury in vitro by
neuregulin.
AU Seroogy, K. B. [Reprint author]; Duan, W. [Reprint author]; Lundgren, K.
H. [Reprint author]; Zhang, L. [Reprint author]; Yurek, D. M.; Gash, D. M.
[Reprint author]; Mattson, M. P. [Reprint author]; Kornblum, H. I.
CS Dept. of Anatomy and Neurobiology, Univ. of Kentucky, Lexington, KY, USA
SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 231.
print.
Meeting Info.: 29th Annual Meeting of the Society for Neuroscience, Part
1. Miami Beach, Florida, USA. October 23-28, 1999. The Society for
Neuroscience.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 9 Feb 2000
Last Updated on STN: 3 Jan 2002

L7 ANSWER 13 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:50146 BIOSIS
DN PREV200000050146
TI NRG-1-induced cardiomyocyte hypertrophy. Role of PI-3-kinase, p70S6K, and
MEK-MAPK-RSK.
AU Baliga, Ragavendra R.; Pimental, David R.; Zhao, You-Yang; Simmons,
William W.; Marchionni, Mark A.; Sawyer, Douglas B.; Kelly, Ralph A.
[Reprint author]
CS Division of Cardiology, Brigham and Women's Hospital, 75 Francis St.,
Boston, MA, USA
SO American Journal of Physiology, (Nov., 1999) Vol. 277, No. 5 PART 2, pp.
H2026-H2037. print.
CODEN: AJPHAP. ISSN: 0002-9513.
DT Article
LA English
ED Entered STN: 3 Feb 2000
Last Updated on STN: 3 Jan 2002

L7 ANSWER 14 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:32423 BIOSIS
DN PREV200000032423
TI ***Neuregulin*** -erbB signaling in hypertrophied aortic stenosis mice:
Differential expression of erbB2 and ***erbB4*** receptors.
AU Yan, Xinhua [Reprint author]; Ding, Bo [Reprint author]; Weinberg, Ellen
O. [Reprint author]; Lorell, Beverly H. [Reprint author]
CS Beth Israel Deaconess Med Ctr, Boston, MA, USA

SO Circulation, (Nov. 2, 1999) Vol. 100, No. 18 SUPPL., pp. I.128. print.
Meeting Info.: 72nd Scientific Sessions of the American Heart Association.
Atlanta, Georgia, USA. November 7-10, 1999.
CODEN: CIRCAZ. ISSN: 0009-7322.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)

LA English

ED Entered STN: 13 Jan 2000
Last Updated on STN: 31 Dec 2001

L7 ANSWER 15 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1999:323608 BIOSIS
DN PREV199900323608
TI ***Neuregulin*** signaling in the heart: Dynamic targeting of
erbB4 to caveolar microdomains in cardiac myocytes.

AU Zhao, You-Yang; Feron, Olivier; Dessy, Chantal; Han, Xinqiang; Marchionni,
Mark A.; Kelly, Ralph A. [Reprint author]

CS Cardiovascular Division, Brigham and Women's Hospital, 75 Francis St,
Boston, MA, 02115, USA

SO Circulation Research, (June 25, 1999) Vol. 84, No. 12, pp. 1380-1387.
print.
CODEN: CIRUAL. ISSN: 0009-7330.

DT Article

LA English

ED Entered STN: 24 Aug 1999
Last Updated on STN: 24 Aug 1999

L7 ANSWER 16 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1999:226939 BIOSIS
DN PREV199900226939
TI Characterization of a naturally occurring ***ErbB4*** isoform that
does not bind or activate phosphatidyl inositol 3-kinase.

AU Elenius, Klaus; Choi, Caroline J.; Paul, Subroto; Santiestevan, Eric;
Nishi, Eiichiro; Klagsbrun, Michael [Reprint author]

CS Departments of Surgery and Pathology, Children's Hospital and Harvard
Medical School, Boston, MA, 02115, USA

SO Oncogene, (April 22, 1999) Vol. 18, No. 16, pp. 2607-2615. print.
CODEN: ONCNES. ISSN: 0950-9232.

DT Article

LA English

ED Entered STN: 17 Jun 1999
Last Updated on STN: 17 Jun 1999

L7 ANSWER 17 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1999:195581 BIOSIS
DN PREV199900195581
TI ***Neuregulin*** is a mitogen and survival factor for olfactory bulb
ensheathing cells and an isoform is produced by astrocytes.

AU Pollock, Graeme S.; Franceschini, Isabelle A.; Graham, Gerry; Marchionni,
Mark A.; Barnett, Susan C. [Reprint author]

CS Department of Neurology, University of Glasgow, Switchback Road, Glasgow,
G61 1BD, UK

SO European Journal of Neuroscience, (March, 1999) Vol. 11, No. 3, pp.
769-780. print.
ISSN: 0953-816X.

DT Article

LA English

ED Entered STN: 25 May 1999
Last Updated on STN: 25 May 1999

L7 ANSWER 18 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1999:105044 BIOSIS
DN PREV199900105044
TI Structure and function of a novel ErbB ligand, NTAK.

AU Ishiguro, Hiroshi [Reprint author]; Higashiyama, Shigeki; Yamada, Kouji;
Ichino, Naohiro; Taniguchi, Naoyuki; Nagatsu, Toshiharu

CS Inst. Comprehensive Med. Sci., Fujita Health Univ., 1-98 Dengakugakubo,
Kutsukake-cho, Toyoake 470-1192, Japan

SO Japanese Journal of Psychopharmacology, (Aug., 1998) Vol. 18, No. 4, pp.
137-142. print.
ISSN: 1340-2544.

DT Article

LA Japanese

ED Entered STN: 4 Mar 1999
Last Updated on STN: 4 Mar 1999

L7 ANSWER 19 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1999:28779 BIOSIS
 DN PREV199900028779
 TI Biological response to ErbB ligands in nontransformed cell lines
 correlates with a specific patterns of receptor expression.
 AU Sundaresan, Srividya [Reprint author]; Roberts, Penelope E.; King,
 Kathleen L.; Sliwowski, Mark X.; Mather, Jennie P.
 CS 1 DNA Way, MS 45, Genentech Inc., S. San Francisco, CA 94080, USA
 SO Endocrinology, (Dec., 1998) Vol. 139, No. 12, pp. 4756-4764. print.
 CODEN: ENDOAO. ISSN: 0013-7227.
 DT Article
 LA English
 ED Entered STN: 3 Feb 1999
 Last Updated on STN: 3 Feb 1999

L7 ANSWER 20 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1998:490680 BIOSIS
 DN PREV199800490680
 TI Differential signaling by the epidermal growth factor-like growth factors
 neuregulin -1 and ***neuregulin*** -2.
 AU Crovello, Colleen Sweeney; Lai, Cary; Cantley, Lewis C.; Carraway, Kermit
 L., III [Reprint author]
 CS Beth Israel Deaconess Med. Cent., Harvard Inst. Med., Room 1018, 330
 Brookline Ave., Boston, MA 02215, USA
 SO Journal of Biological Chemistry, (Oct. 9, 1998) Vol. 273, No. 41, pp.
 26954-26961. print.
 CODEN: JBCHA3. ISSN: 0021-9258.
 DT Article
 LA English
 ED Entered STN: 18 Nov 1998
 Last Updated on STN: 18 Nov 1998

L7 ANSWER 21 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1998:436426 BIOSIS
 DN PREV199800436426
 TI Expression of the ErbB- ***neuregulin*** signaling network during
 human cerebellar development: Implications for the biology of
 medulloblastoma.
 AU Gilbertson, Richard J. [Reprint author]; Clifford, Steven C.; Macmeekin,
 William; Wright, Chris; Perry, Robert H.; Kelly, Peter; Pearson, Andrew D.
 J.; Lunec, John
 CS Cancer Res. Unit, Medical Sch., Framlington Place, Univ. Newcastle upon
 Tyne, Newcastle upon Tyne NE2 4HH, UK
 SO Cancer Research, (Sept. 1, 1998) Vol. 58, No. 17, pp. 3932-3941. print.
 CODEN: CNREA8. ISSN: 0008-5472.
 DT Article
 LA English
 ED Entered STN: 7 Oct 1998
 Last Updated on STN: 5 Nov 1998

L7 ANSWER 22 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1998:436347 BIOSIS
 DN PREV199800436347
 TI Two erbB-4 transcripts are expressed in normal breast and in most breast
 cancers.
 AU Sawyer, Carol [Reprint author]; Hiles, Ian; Page, Martin; Crompton, Mark;
 Dean, Christopher
 CS Sect. Immunol., McElwain Lab., Inst. Cancer Res., 15 Cotswold Road,
 Belmont, Sutton, Surrey SM2 5NG, UK
 SO Oncogene, (Aug. 20, 1998) Vol. 17, No. 7, pp. 919-924. print.
 CODEN: ONCNES. ISSN: 0950-9232.
 DT Article
 LA English
 ED Entered STN: 7 Oct 1998
 Last Updated on STN: 7 Oct 1998

L7 ANSWER 23 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1998:315901 BIOSIS
 DN PREV199800315901
 TI ErbB2 expression increases the spectrum and potency of ligand-mediated
 signal transduction through ***ErbB4***
 AU Wang, Ling-Mei; Kuo, Angera; Alimandi, Maurizio; Veri, Maria C.; Lee,
 Chong-Chou; Kapoor, Veena; Ellmore, Nelson; Chen, Xiao-Hong; Pierce,
 Jacalyn H. [Reprint author]
 CS Lab. Cellular Molecular Biol., Natl. Cancer Inst., Build. 37, Room 1E24,
 37 Convent Drive MSC 4255, Bethesda, MD 20892-4255, USA

SO Proceedings of the National Academy of Sciences of the United States of America, (June 9, 1998) Vol. 95, No. 12, pp. 6809-6814. print.
CODEN: PNASA6. ISSN: 0027-8424.

DT Article
LA English
ED Entered STN: 22 Jul 1998
Last Updated on STN: 10 Sep 1998

L7 ANSWER 24 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1998:287632 BIOSIS
DN PREV199800287632
TI Expression and localization of ***ERBB4*** and its ligand,
neuregulin, in ***human*** gastrointestinal mucosa.
AU Kataoka, H. [Reprint author]; Joh, T. [Reprint author]; Tsuchida, K. [Reprint author]; Seno, K. [Reprint author]; Yokoyama, Y.; Kato, T.; Itoh, M.
CS 1st Dep. Int. Med., Nagoya City Univ. Med. Sch., Nagoya, Japan
SO Gastroenterology, (April 15, 1998) Vol. 114, No. 4 PART 2, pp. A888. print.
Meeting Info.: Digestive Diseases Week and the 99th Annual Meeting of the American Gastroenterological Association. New Orleans, Louisiana, USA. May 16-22, 1998. American Association for the Study of Liver Diseases; American Gastroenterological Association; American Society for Gastrointestinal Endoscopy; Gastroenterology Research Group; Society for Surgery of the Alimentary Tract.
CODEN: GASTAB. ISSN: 0016-5085.

DT Conference; (Meeting)
LA Conference; Abstract; (Meeting Abstract)
ED English
Entered STN: 8 Jul 1998
Last Updated on STN: 8 Jul 1998

L7 ANSWER 25 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1998:253340 BIOSIS
DN PREV199800253340
TI ***Neuregulins*** promote survival and growth of cardiac myocytes: Persistence of ErbB2 and Erb4 expression in neonatal and adult ventricular myocytes.
AU Zhao, You-Yang; Sawyer, Douglas R.; Baliga, Ragavendra R.; Opel, Douglas J.; Han, Xingiang; Marchionni, Mark A.; Kelly, Ralph A. [Reprint author]
CS Cardiol. Div., Brigham Women's Hosp., 75 Francis St., Boston, MA 02115, USA
SO Journal of Biological Chemistry, (April 24, 1998) Vol. 273, No. 17, pp. 10261-10269. print.
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article
LA English
ED Entered STN: 9 Jun 1998
Last Updated on STN: 12 Aug 1998

L7 ANSWER 26 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1998:227583 BIOSIS
DN PREV199800227583
TI Secretion of neu differentiation factor-like polypeptides by cph-transformed fibroblasts: Cloning and characterization of syrian hamster ***neuregulin*** cDNAs.
AU Velasco, Juan A.; Feijoo, Esperanza; Avila, Matias A.; Notario, Vicente [Reprint author]
CS Dep. Radiation Med., Georgetown Univ. Med. Cent., Research Build. Room E220A, 3970 Reservoir Rd. NW, Washington, DC 20007, USA
SO Molecular Carcinogenesis, (March, 1998) Vol. 21, No. 3, pp. 156-163. print.
CODEN: MOCAE8. ISSN: 0899-1987.

DT Article
LA English
OS Genbank-U96612
ED Entered STN: 20 May 1998
Last Updated on STN: 20 May 1998

L7 ANSWER 27 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1997:496700 BIOSIS
DN PREV199799795903
TI A novel juxtamembrane domain isoform of HER4/ ***ErbB4*** : Isoform-specific tissue distribution and differential processing in response to phorbol ester.
AU Elenius, Klaus; Corfas, Gabriel; Paul, Subroto; Choi, Caroline J.; Rio,

CS Carlos; Plowman, Gregory D.; Klagsbrun, Michael [Reprint author]
SO Child. Hosp., 300 Longwood Ave., Boston, MA 02115, USA
Journal of Biological Chemistry, (1997) Vol. 272, No. 42, pp. 26761-26768.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 21 Nov 1997
Last Updated on STN: 21 Nov 1997

L7 ANSWER 28 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1997:496594 BIOSIS
DN PREV199799795797
TI A novel brain-derived member of the epidermal growth factor family that
interacts with ***ErbB3*** and ***ErbB4***
AU Higashiyama, Shigeki [Reprint author]; Horikawa, Michiharu; Yamada, Kouji;
Ichino, Naohiro; Nakano, Norihiko; Nakagawa, Takatoshi; Miyagawa,
Junichiro; Matsushita, Natsuki; Nagatsu, Toshiharu; Taniguchi, Naoyuki;
Ishiguro, Hiroshi
CS Dep. Biochem., Osaka Univ. Med. Sch., 2-2 Yamadaoka, Suita, Osaka 565,
Japan
SO Journal of Biochemistry (Tokyo), (1997) Vol. 122, No. 3, pp. 675-680.
CODEN: JOBIAO. ISSN: 0021-924X.
DT Article
LA English
ED Entered STN: 21 Nov 1997
Last Updated on STN: 21 Nov 1997

L7 ANSWER 29 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1997:482234 BIOSIS
DN PREV199799781437
TI Gamma-Herregulin: A novel heregulin isoform that is an autocrine growth
factor for the ***human*** breast cancer cell line, MDA-MB-175.
AU Schaefer, Gabriele; Fitzpatrick, V. Daniel; Sliwkowski, Mark X. [Reprint
author]
CS Genentech Inc., South San Francisco, CA 94080, USA
SO Oncogene, (1997) Vol. 15, No. 12, pp. 1385-1394.
CODEN: ONCNES. ISSN: 0950-9232.
DT Article
LA English
ED Entered STN: 7 Nov 1997
Last Updated on STN: 7 Nov 1997

L7 ANSWER 30 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1997:448390 BIOSIS
DN PREV199799747593
TI ***Neuregulin*** -3 (NRG3): A novel neural tissue-enriched protein that
binds and activates ***ErbB4***
AU Zhang, Dongxiao; Sliwkowski, Mark X.; Mark, Melanie; Frantz, Gretchen;
Akita, Robert; Sun, Yang; Hillan, Kenneth; Crowley, Craig; Brush,
Jennifer; Godowski, Paul J. [Reprint author]
CS Dep. Mol. Biol., Mailstop 37, Genentech Inc., 460 Point San Bruno Blvd.,
S. San Francisco, CA 94080, USA
SO Proceedings of the National Academy of Sciences of the United States of
America, (1997) Vol. 94, No. 18, pp. 9562-9567.
CODEN: PNASA6. ISSN: 0027-8424.
DT Article
LA English
ED Entered STN: 27 Oct 1997
Last Updated on STN: 27 Oct 1997

L7 ANSWER 31 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1997:344630 BIOSIS
DN PREV199799643833
TI Characterization of a ***neuregulin*** -related gene, Don-1, that is
highly expressed in restricted regions of the cerebellum and hippocampus.
AU Busfield, Samantha J. [Reprint author]; Michnick, Donna A.; Chickering,
Troy W.; Revett, Tracy L.; Ma, Jingya; Woolf, Elizabeth A.; Comrack,
Christopher A.; Dussault, Barry J.; Woolf, Jessica; Goodearl, Andrew D.
J.; Gearing, David P.
CS Millennium Pharm. Inc., 640 Memorial Dr., Cambridge, MA 02139, USA
SO Molecular and Cellular Biology, (1997) Vol. 17, No. 7, pp. 4007-4014.
CODEN: MCEBD4. ISSN: 0270-7306.
DT Article
LA English
ED Entered STN: 11 Aug 1997
Last Updated on STN: 11 Aug 1997

L7 ANSWER 32 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:290838 BIOSIS
 DN PREV199799590041
 TI ***Neuregulin*** -2, a new ligand of ***ErbB3*** / ***ErbB4***
 -receptor tyrosine kinases.
 AU Carraway, Kermit L. Iii; Weber, Janet L.; Unger, Michelle J.; Ledesma,
 Jessica; Yu, Naichen; Gassmann, Martin; Lai, Cary [Reprint author]
 CS Dep. Neuropharmacol., Scripps Res. Inst., La Jolla, CA 92037, USA
 SO Nature (London), (1997) Vol. 387, No. 6632, pp. 512-516.
 CODEN: NATUAS. ISSN: 0028-0836.
 DT Article
 LA English
 ED Entered STN: 9 Jul 1997
 Last Updated on STN: 9 Jul 1997

L7 ANSWER 33 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:290837 BIOSIS
 DN PREV199799590040
 TI Ligands for ErbB-family receptors encoded by a ***neuregulin*** -like
 gene.
 AU Chang, Han [Reprint author]; Riese, David J. Ii; Gilbert, Walter; Stern,
 David F.; McMahon, U. J.
 CS Dep. Neurobiol., Stanford Univ. Sch. Med., Stanford, CA 94305-5401, USA
 SO Nature (London), (1997) Vol. 387, No. 6632, pp. 509-512.
 CODEN: NATUAS. ISSN: 0028-0836.
 DT Article
 LA English
 ED Entered STN: 9 Jul 1997
 Last Updated on STN: 9 Jul 1997

L7 ANSWER 34 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1996:335299 BIOSIS
 DN PREV199699057655
 TI Heregulin is rapidly translocated to the nucleus and its transport is
 correlated with c-myc induction in breast cancer cells.
 AU Li, Wenlu; Park, John W.; Nuijens, Andrew; Sliwkowski, Mark X.; Keller,
 Gilbert-A. [Reprint author]
 CS Genentech Inc., 460 Point San Bruno Blvd., South San Francisco, CA 94080,
 USA
 SO Oncogene, (1996) Vol. 12, No. 11, pp. 2473-2477.
 CODEN: ONCNES. ISSN: 0950-9232.
 DT Article
 LA English
 ED Entered STN: 26 Jul 1996
 Last Updated on STN: 27 Jul 1996

L7 ANSWER 35 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1996:270661 BIOSIS
 DN PREV199698826790
 TI NDF/hereregulin induces persistence of terminal end buds and adenocarcinomas
 in the mammary glands of transgenic mice.
 AU Krane, Ian M.; Leder, Philip [Reprint author]
 CS Dep. Genet., Howard Hughes Medical Inst., Harvard Medical School, 200
 Longwood Ave., Boston, MA 02115, USA
 SO Oncogene, (1996) Vol. 12, No. 8, pp. 1781-1788.
 CODEN: ONCNES. ISSN: 0950-9232.
 DT Article
 LA English
 ED Entered STN: 10 Jun 1996
 Last Updated on STN: 10 Jun 1996

L7 ANSWER 36 OF 166 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
 AN 1999:29146091 BIOTECHNO
 TI Binding specificities and affinities of egf domains for ErbB receptors
 AU Jones J.T.; Akita R.W.; Sliwkowski M.X.
 CS M.X. Sliwkowski, Department of Molecular Oncology, Genentech Inc., 1 DNA
 Way, South San Francisco, CA 94080, United States.
 E-mail: marks@gene.com
 SO FEBS Letters, (***1999***), 447/2-3 (227-231), 43 reference(s)
 CODEN: FEBLAL ISSN: 0014-5793
 S0014579399002835
 PUI Journal; Article
 DT
 CY Netherlands
 LA English
 SL English

L7 ANSWER 37 OF 166 CANCERLIT on STN
 AN 2002037908 CANCERLIT
 DN 21098667 PubMed ID: 11162886
 TI TCDD elevates erbB2 expression and signaling in T47D cells by reversing serum potentiation of estrogen receptor activity, independent of estrogen levels and enhanced ER down-regulation.
 AU Angus W G; Campaigne Larsen M; Jefcoate C R
 CS Department of Pharmacology and Environmental Health Sciences Center, University of Wisconsin, 3770 MSC, 1300 University Avenue, Madison, WI 53706, USA.
 NC ES05733 (NIEHS)
 ES07260 (NIEHS)
 SO MOLECULAR AND CELLULAR ENDOCRINOLOGY, *** (2000 Dec 22)*** 170 (1-2) 1-13.
 Journal code: 7500844. ISSN: 0303-7207.
 CY Ireland
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS MEDLINE; Priority Journals
 OS MEDLINE 2001472395
 EM 200108
 ED Entered STN: 20020726
 Last Updated on STN: 20020726

L7 ANSWER 38 OF 166 CANCERLIT on STN
 AN 2000511807 CANCERLIT
 DN 20511807 PubMed ID: 11056475
 TI ***Neuregulin***, a factor with many functions in the life of a schwann cell.
 AU Garratt A N; Britsch S; Birchmeier C
 CS Max-Delbrück-Centrum for Molecular Medicine, Berlin, Germany.
 SO BIOESSAYS, *** (2000 Nov)*** 22 (11) 987-96. Ref: 85
 Journal code: 8510851. ISSN: 0265-9247.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS MEDLINE; Priority Journals
 OS MEDLINE 2001103869
 EM 200102
 ED Entered STN: 20010423
 Last Updated on STN: 20010423

L7 ANSWER 39 OF 166 CANCERLIT on STN
 AN 2000453810 CANCERLIT
 DN 20453810 PubMed ID: 10995872
 TI Heregulin regulates the actin cytoskeleton and promotes invasive properties in breast cancer cell lines.
 AU Hijazi M M; Thompson E W; Tang C; Coopman P; Torri J A; Yang D; Mueller S C; Lupu R
 CS Vincent T. Lombardi Cancer Center, Georgetown University Medical Center, Washington, DC 20007, USA.
 NC R01-DK49049 (NIDDK)
 SO INTERNATIONAL JOURNAL OF ONCOLOGY, *** (2000 Oct)*** 17 (4) 629-41.
 Journal code: 9306042. ISSN: 1019-6439.
 CY Greece
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS MEDLINE; Priority Journals
 OS MEDLINE 2001023692
 EM 200011
 ED Entered STN: 20010423
 Last Updated on STN: 20010423

L7 ANSWER 40 OF 166 CANCERLIT on STN
 AN 2000413014 CANCERLIT
 DN 20413014 PubMed ID: 10956383
 TI Expression of heregulins and associations with the ErbB family of tyrosine kinase receptors in papillary thyroid carcinomas.
 AU Fluge O; Akslen L A; Haugen D R; Varhaug J E; Lillehaug J R
 CS Department of Molecular Biology, University of Bergen, Bergen, Norway..
 oystein.fluge@mbi.uib.no
 SO INTERNATIONAL JOURNAL OF CANCER, *** (2000 Sep 15)*** 87 (6) 763-70.
 Journal code: 0042124. ISSN: 0020-7136.

United States
Journal; Article; (JOURNAL ARTICLE)
English
MEDLINE; Priority Journals
MEDLINE 2000420637
200009
Entered STN: 20001012
Last Updated on STN: 20001012

ANSWER 41 OF 166 CANCERLIT on STN
2000302186 CANCERLIT
20302186 PubMed ID: 10845563
Differential modulation of proliferation, matrix metalloproteinase
expression and invasion of ***human*** head and neck squamous
carcinoma cells by c-erbB ligands.
O-charoenrat P; Rhys-Evans P; Court W J; Box G M; Eccles S A
Department of Head and Neck Surgery, Royal Marsden Hospital, London, UK..
pornchai@icr.ac.uk
CLINICAL AND EXPERIMENTAL METASTASIS, *** (1999) *** 17 (7) 631-9.
Journal code: 8409970. ISSN: 0262-0898.
Netherlands
Journal; Article; (JOURNAL ARTICLE)
English
MEDLINE; Priority Journals
MEDLINE 2000302186
200006
Entered STN: 20000811
Last Updated on STN: 20000811

ANSWER 42 OF 166 CANCERLIT on STN
2000026874 CANCERLIT
20026874 PubMed ID: 10559227
ErbB2 and ***ErbB3*** receptors mediate inhibition of
calcium-dependent chloride secretion in colonic epithelial cells.
Keely S J; Barrett K E
Department of Medicine, University of California, San Diego, California
92103, USA.. skeely@ucsd.edu
DK28305 (NIDDK)
JOURNAL OF BIOLOGICAL CHEMISTRY, *** (1999 Nov 19) *** 274 (47)
33449-54.
Journal code: 2985121R. ISSN: 0021-9258.
United States
Journal; Article; (JOURNAL ARTICLE)
English
MEDLINE; Priority Journals
MEDLINE 2000026874
199912
Entered STN: 20000616
Last Updated on STN: 20000616

ANSWER 43 OF 166 CANCERLIT on STN
2000005913 CANCERLIT
20005913 PubMed ID: 10535875
Expression of heregulin alpha, erbB2, and ***erbB3*** and their
influences on proliferation of gastric epithelial cells.
Noguchi H; Sakamoto C; Wada K; Akamatsu T; Uchida T; Tatsuguchi A; Matsui
H; Fukui H; Fujimori T; Kasuga M
Second Department of Internal Medicine, Kobe University School of
Medicine, Kobe, Japan.
GASTROENTEROLOGY, *** (1999 Nov) *** 117 (5) 1119-27.
Journal code: 0374630. ISSN: 0016-5085.
United States
Journal; Article; (JOURNAL ARTICLE)
English
MEDLINE; Abridged Index Medicus Journals; Priority Journals
MEDLINE 2000005913
199912
Entered STN: 20000616
Last Updated on STN: 20000616

ANSWER 44 OF 166 CANCERLIT on STN
2000005707 CANCERLIT
20005707 PubMed ID: 10537315
Ribozyme-mediated down-regulation of ErbB-4 in estrogen receptor-positive
breast cancer cells inhibits proliferation both in vitro and in vivo.
Tang C K; Concepcion X Z; Milan M; Gong X; Montgomery E; Lippman M E

CS Lombardi Cancer Center, Department of Biochemistry, Georgetown University
Medical Center, Washington, DC 20007-2197, USA..
Tangc@gunet.georgetown.edu
NC IP50-CA58185-04 (NCI)
P30-CA-51008 (NCI)
SO CANCER RESEARCH, *** (1999 Oct 15) *** 59 (20) 5315-22.
Journal code: 2984705R. ISSN: 0008-5472.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS MEDLINE; Priority Journals
OS MEDLINE 2000005707
EM 199911
ED Entered STN: 20000221
Last Updated on STN: 20000221

L7 ANSWER 45 OF 166 CANCERLIT on STN
AN 1999303015 CANCERLIT
DN 99303015 PubMed ID: 10376522
TI NDF/hereregulin-induced cell cycle changes and apoptosis in breast tumour
cells: role of PI3 kinase and p38 MAP kinase pathways.
AU Daly J M; Olayioye M A; Wong A M; Neve R; Lane H A; Maurer F G; Hynes N E
CS Friedrich Miescher Institute, Basel, Switzerland.
SO ONCOGENE, *** (1999 Jun 10) *** 18 (23) 3440-51.
Journal code: 8711562. ISSN: 0950-9232.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS MEDLINE; Priority Journals
OS MEDLINE 1999303015
EM 199906
ED Entered STN: 19990813
Last Updated on STN: 19990813

L7 ANSWER 46 OF 166 CANCERLIT on STN
AN 1999300179 CANCERLIT
DN 99300179 PubMed ID: 10372964
TI Receptor binding and biological activity of mammalian expressed sensory
and motor neuron-derived factor (SMDF).
AU Osheroff P L; Tsai S P; Chiang N Y; King K L; Li R; Lewis G D; Wong K;
Henzel W; Mather J
CS Department of Protein Chemistry, Genentech, Inc., South San Francisco, CA
94080, USA.. plo@earthlink.net
SO GROWTH FACTORS, *** (1999) *** 16 (3) 241-53.
Journal code: 9000468. ISSN: 0897-7194.
CY Switzerland
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS MEDLINE; Priority Journals
OS MEDLINE 1999300179
EM 199908
ED Entered STN: 19990913
Last Updated on STN: 19990913

L7 ANSWER 47 OF 166 CANCERLIT on STN
AN 1999111102 CANCERLIT
DN 99111102 PubMed ID: 9815853
TI Heregulin and agonistic anti-p185(c-erbB2) antibodies inhibit
proliferation but increase invasiveness of breast cancer cells that
overexpress p185(c-erbB2): increased invasiveness may contribute to poor
prognosis.
AU Xu F J; Stack S; Boyer C; O'Briant K; Whitaker R; Mills G B; Yu Y H; Bast
R C Jr
CS Division of Medicine, University of Texas, M.D. Anderson Cancer Center,
Houston, Texas 77030, USA.
NC 39930
SO CLINICAL CANCER RESEARCH, *** (1997 Sep) *** 3 (9) 1629-34.
Journal code: 9502500. ISSN: 1078-0432.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS MEDLINE; Priority Journals
OS MEDLINE 1999111102
EM 199903
ED Entered STN: 19990428
Last Updated on STN: 19990428

L7 ANSWER 48 OF 166 CANCERLIT on STN
AN 1998447848 CANCERLIT
DN 98447848 PubMed ID: 9772300
TI NRG-3 in ***human*** breast cancers: activation of multiple erbB family proteins.
AU Hijazi M M; Young P E; Dougherty M K; Bressette D S; Cao T T; Pierce J H; Wong L M; Alimandi M; King C R
CS Lombardi Cancer Center, Georgetown University Medical Center, Washington, DC, USA.
SO INTERNATIONAL JOURNAL OF ONCOLOGY, *** (1998 Nov) *** 13 (5) 1061-7.
Journal code: 9306042. ISSN: 1019-6439.
CY Greece
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS MEDLINE; Priority Journals
OS MEDLINE 1998447848
EM 199812
ED Entered STN: 19990127
Last Updated on STN: 19990127

L7 ANSWER 49 OF 166 CANCERLIT on STN
AN 1998437920 CANCERLIT
DN 98437920 PubMed ID: 9766530
TI Neurofibrosarcoma-derived Schwann cells overexpress platelet-derived growth factor (PDGF) receptors and are induced to proliferate by PDGF BB.
AU Badache A; De Vries G H
CS Department of Cell Biology, Neurobiology and Anatomy, Loyola University Medical Center, Chicago, Illinois, USA.. badache@FMI.ch
SO JOURNAL OF CELLULAR PHYSIOLOGY, *** (1998 Nov) *** 177 (2) 334-42.
Journal code: 0050222. ISSN: 0021-9541.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS MEDLINE; Priority Journals
OS MEDLINE 1998437920
EM 199810
ED Entered STN: 19990122
Last Updated on STN: 19990122

L7 ANSWER 50 OF 166 CANCERLIT on STN
AN 1998062169 CANCERLIT
DN 98062169 PubMed ID: 9400997
TI ErbB kinases and NDF signaling in ***human*** prostate cancer cells.
AU Grasso A W; Wen D; Miller C M; Rhim J S; Pretlow T G; Kung H J
CS Case Western Reserve University School of Medicine, Department of Molecular Biology and Microbiology, Cleveland, Ohio 44106-4960, USA.
NC CA39207 (NCI)
CA57179 (NCI)
DK52659 (NIDDK)
+
SO ONCOGENE, *** (1997 Nov 27) *** 15 (22) 2705-16.
Journal code: 8711562. ISSN: 0950-9232.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS MEDLINE; Priority Journals
OS MEDLINE 1998062169
EM 199801
ED Entered STN: 19980212
Last Updated on STN: 19980212

L7 ANSWER 51 OF 166 CANCERLIT on STN
AN 97600656 CANCERLIT
DN 97600656
TI Deciphering heregulin-mediated signaling through ***ErbB4*** : development of anti- ***ErbB4*** monoclonal antibodies (Meeting abstract).
AU Bald L; Sliwowski M X; Akita R; Chiang N; Wirth C; Taylor R; Dybdal N; Fendly B M
CS Genentech Incorporated, South San Francisco, CA 94080.
SO Proc Annu Meet Am Assoc Cancer Res, *** (1996) *** 37 A3355.
ISSN: 0197-016X.
(MEETING ABSTRACTS)
DT
LA English
FS Institute for Cell and Developmental Biology

EM 199702
 ED Entered STN: 19980417
 Last Updated on STN: 19980417

L7 ANSWER 52 OF 166 CANCERLIT on STN
 AN 97433122 CANCERLIT
 DN 97433122 PubMed ID: 9288791
 TI Neu differentiation factor induces ErbB2 down-regulation and apoptosis of ErbB2-overexpressing breast tumor cells.
 AU Daly J M; Jannot C B; Beerli R R; Graus-Porta D; Maurer F G; Hynes N E
 CS Friedrich Miescher Institute, Basel, Switzerland.
 SO CANCER RESEARCH, *** (1997 Sep 1) *** 57 (17) 3804-11.
 Journal code: 2984705R. ISSN: 0008-5472.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS MEDLINE; Priority Journals
 OS MEDLINE 97433122
 EM 199709
 ED Entered STN: 19971009
 Last Updated on STN: 19971009

L7 ANSWER 53 OF 166 CANCERLIT on STN
 AN 96003856 CANCERLIT
 DN 96003856 PubMed ID: 7568210
 TI Ligand-directed retroviral targeting of ***human*** breast cancer cells.
 AU Han X; Kasahara N; Kan Y W
 CS Department of Laboratory Medicine, University of California, San Francisco 94143-0724, USA.
 NC AM16666 (NIADDK)
 HL 20985 (NHLBI)
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, *** (1995 Oct 10) *** 92 (21) 9747-51.
 Journal code: 7505876. ISSN: 0027-8424.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS MEDLINE; Priority Journals
 OS MEDLINE 96003856
 EM 199511
 ED Entered STN: 19970509
 Last Updated on STN: 19970509

L7 ANSWER 54 OF 166 CANCERLIT on STN
 AN 95273097 CANCERLIT
 DN 95273097 PubMed ID: 7538656
 TI Cooperative signaling of ***ErbB3*** and ErbB2 in neoplastic transformation and ***human*** mammary carcinomas.
 AU Alimandi M; Romano A; Curia M C; Muraro R; Fedi P; Aaronson S A; Di Fiore P P; Kraus M H
 CS Laboratory of Cellular and Molecular Biology, National Cancer Institute, National Institutes of Health, Bethesda, Maryland 20892, USA.
 SO ONCOGENE, *** (1995 May 4) *** 10 (9) 1813-21.
 Journal code: 8711562. ISSN: 0950-9232.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS MEDLINE; Priority Journals
 OS MEDLINE 95273097
 EM 199506
 ED Entered STN: 19950707
 Last Updated on STN: 19970509

L7 ANSWER 55 OF 166 CANCERLIT on STN
 AN 95110780 CANCERLIT
 DN 95110780 PubMed ID: 7529049
 TI The Heregulin gene can be included in the 8p12 amplification unit in ***human*** breast cancer.
 AU Adelaide J; Penault-Llorca F; Dib A; Yarden Y; Jacquemier J; Birnbaum D
 CS Laboratoire de Biologie des Tumeurs, Institut Paoli-Calmettes, Marseille, France.
 SO GENES, CHROMOSOMES AND CANCER, *** (1994 Sep) *** 11 (1) 66-9.
 Journal code: 9007329. ISSN: 1045-2257.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)

LA English
FS MEDLINE; Priority Journals
OS MEDLINE 95110780
EM 199502
ED Entered STN: 19950313
Last Updated on STN: 19970509

L7 ANSWER 56 OF 166 CANCERLIT on STN
AN 94320634 CANCERLIT
DN 94320634 PubMed ID: 8045292
TI NDF/hereregulin stimulates the phosphorylation of Her3/ ***erbB3***
AU Kita Y A; Barff J; Luo Y; Wen D; Brankow D; Hu S; Liu N; Prigent S A;
Gullick W J; Nicolson M
CS Department of Immunology, Amgen Center, Thousand Oaks, CA 91320.
SO FEBS LETTERS, *** (1994 Jul 25) *** 349 (1) 139-43.
Journal code: 0155157. ISSN: 0014-5793.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS MEDLINE; Priority Journals
OS MEDLINE 94320634
EM 199409
ED Entered STN: 19941107
Last Updated on STN: 19970509

L7 ANSWER 57 OF 166 CANCERLIT on STN
AN 94306517 CANCERLIT
DN 94306517 PubMed ID: 8033211
TI A new acquaintance for ***erbB3*** and ***erbB4*** : a role for
receptor heterodimerization in growth signaling.
AU Carraway K L 3rd; Cantley L C
CS Department of Cell Biology, Harvard Medical School, Boston, Massachusetts
02115.
SO CELL, *** (1994 Jul 15) *** 78 (1) 5-8. Ref: 22
Journal code: 0413066. ISSN: 0092-8674.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS MEDLINE; Priority Journals
OS MEDLINE 94306517
EM 199408
ED Entered STN: 19941107
Last Updated on STN: 19970509

L7 ANSWER 58 OF 166 CANCERLIT on STN
AN 94237884 CANCERLIT
DN 94237884 PubMed ID: 7514177
TI Coexpression of erbB2 and ***erbB3*** proteins reconstitutes a high
affinity receptor for heregulin.
AU Sliwkowski M X; Schaefer G; Akita R W; Lofgren J A; Fitzpatrick V D;
Nuijens A; Fendly B M; Cerione R A; Vandlen R L; Carraway K L 3rd
CS Genentech, Inc., South San Francisco, California 94080.
NC GM40654 (NIGMS)
SO JOURNAL OF BIOLOGICAL CHEMISTRY, *** (1994 May 20) *** 269 (20) 14661-5.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS MEDLINE; Priority Journals
OS MEDLINE 94237884
EM 199406
ED Entered STN: 19941107
Last Updated on STN: 19970509

L7 ANSWER 59 OF 166 CANCERLIT on STN
AN 94067347 CANCERLIT
DN 94067347 PubMed ID: 7902537
TI Heregulin induces tyrosine phosphorylation of HER4/p180erbB4.
AU Plowman G D; Green J M; Culouscou J M; Carlton G W; Rothwell V M; Buckley
S
CS Bristol-Myers Squibb Pharmaceutical Research Institute, Seattle,
Washington 98121.
SO NATURE, *** (1993 Dec 2) *** 366 (6454) 473-5.
Journal code: 0410462. ISSN: 0028-0836.

CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS MEDLINE; Priority Journals
OS MEDLINE 94067347
EM 199401
ED Entered STN: 19941107
Last Updated on STN: 19970509

L7 ANSWER 60 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:793852 CAPLUS
DN 133:12849
TI A Novel Epidermal Growth Factor-like Molecule Containing Two Follistatin
Modules Stimulates Tyrosine Phosphorylation of erbB-4 in MKN28 Gastric
Cancer Cells
AU Uchida, Tohru; Wada, Ken; Akamatsu, Tomonori; Yonezawa, Masaoki; Noguchi,
Hitoshi; Mizoguchi, Akira; Kasuga, Masato; Sakamoto, Choitsu
CS Second Department of Internal Medicine, Kobe University School of
Medicine, Chuo-ku, Kobe, 650-0017, Japan
SO Biochemical and Biophysical Research Communications (***1999***),
266(2), 593-602
CODEN: BBRCA9; ISSN: 0006-291X
PB Academic Press
DT Journal
LA English
RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 61 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:311289 CAPLUS
DN 130:332888
TI Ribozymes targeted to ***human*** ErbB-4 mRNA and their use in
treatment of breast cancer and other diseases
IN Tang, Careen K.; Lippman, Marc E.
PA Georgetown University Medical Center, USA
SO PCT Int. Appl., 70 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9923209	A2	19990514	WO 1998-US23279	19981030 <--
	WO 9923209	A3	19990902		
	W: AU, CA, JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,				
	PT, SE				
	CA 2309099	AA	19990514	CA 1998-2309099	19981030 <--
	AU 9915187	A1	19990524	AU 1999-15187	19981030 <--
	EP 1025221	A2	20000809	EP 1998-959377	19981030 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, FI				
	US 6566104	B1	20030520	US 2000-530224	20000623
PRAI	US 1997-63875P	P	19971031		
	WO 1998-US23279	W	19981030		

L7 ANSWER 62 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:271498 CAPLUS
DN 130:292101
TI Novel isoforms of the ***human*** HER4/ ***ErbB4*** epidermal
growth factor receptors
IN Klagsbrun, Michael; Elenius, Klaus; Corfas, Gabriel
PA Children's Medical Center Corporation, USA
SO PCT Int. Appl., 93 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9919488	A1	19990422	WO 1998-US21828	19981015 <--
	W: AU, CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,				
	PT, SE				
	AU 9898053	A1	19990503	AU 1998-98053	19981015 <--
PRAI	US 1997-62373P	P	19971015		

WO 1998-US21828 W 19981015
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 63 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:518112 CAPLUS
DN 129:243338
TI ErbB-4 ribozymes abolish ***neuregulin*** -induced mitogenesis
AU Tang, Careen K.; Goldstein, David J.; Payne, Jennifer; Czubayko, Frank;
Alimandi, Maurizio; Wang, Ling-Mei; Pierce, Jacalyn H.; Lippman, Marc E.
CS Lombardi Cancer Center, Department of Biochemistry, Georgetown University
Medical Center, Washington, DC, 20007-2197, USA
SO Cancer Research (***1998***), 58(15), 3415-3422
CODEN: CNREA8; ISSN: 0008-5472
PB American Association for Cancer Research
DT Journal
LA English

RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 64 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:767680 CAPLUS
DN 128:43920
TI ***Neuregulins*** as potential neuroprotective agents
AU Marchionni, Mark A.; Grinspan, Judith B.; Canoll, Peter D.; Mahanthappa,
Nagesh K.; Salzer, James L.; Scherer, Steven S.
CS Cambridge NeuroScience, Inc., Cambridge, MA, 01239, USA
SO Annals of the New York Academy of Sciences (***1997***),
825(Neuroprotective Agents), 348-365
CODEN: ANYAA9; ISSN: 0077-8923
PB New York Academy of Sciences
DT Journal; General Review
LA English

RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 65 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:307353 CAPLUS
DN 126:341836
TI Clinical and prognostic significance of the expression of the c-erbB-2 and
c-erbB-3 oncoproteins in primary and metastatic malignant melanomas and
breast carcinomas
AU Bodey, Bela; Bodey, Bela, Jr.; Groger, Angela M.; Luck, James V.; Siegel,
Stuart E.; Taylor, Clive R.; Kaiser, Hans E.
CS Department of Pathology, School of Medicine, University of Southern
California, Los Angeles, CA, USA
SO Anticancer Research (***1997***), 17(2B), 1319-1330
CODEN: ANTRD4; ISSN: 0250-7005
PB Anticancer Research
DT Journal
LA English

RE.CNT 186 THERE ARE 186 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 66 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:592553 CAPLUS
DN 125:266540
TI A hierarchical network of interreceptor interactions determines signal
transduction by Neu differentiation factor/ ***neuregulin*** and
epidermal growth factor
AU Tzahar, Eldad; Waterman, Hadassa; Chen, Xiomei; Levkowitz, Gil;
Karunakaran, Devarajan; Lavi, Sara; Ratzkin, Barry J.; Yarden, Yosef
CS Dep. Mol. Cell Biol., Weizmann Inst. Sci., Rehovot, 76100, Israel
SO Molecular and Cellular Biology (***1996***), 16(10), 5276-5287
CODEN: MCEBD4; ISSN: 0270-7306
PB American Society for Microbiology
DT Journal
LA English

L7 ANSWER 67 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:506840 CAPLUS
DN 125:186571
TI The epidermal growth factor receptor couples transforming growth
factor-.alpha., heparin-binding epidermal growth factor-like factor, and
amphiregulin to Neu, ErbB-3, and ErbB-4
AU Riese, David J., II; Kim, Edward D.; Elenius, Klaus; Buckley, Sharon;

CS Klagsbrun, Michael; Plowman, Gregory D.; Stern, David F.
Dep. Pathology, Yale Univ. School of Medicine, New Haven, CT, 06520-8023,
USA
SO Journal of Biological Chemistry (***1996***), 271(33), 20047-20052
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English

L7 ANSWER 68 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1995:832501 CAPLUS
DN 123:219255

TI The cellular response to ***neuregulins*** is governed by complex
interactions of the erbB receptor family
AU Riese, David J., II; van Raaij, Tom, M.; Plowman, Gregory D.; Andrews,
Glenn C.; Stern, David F.
CS Dep. of Pathology, Yale Univ. Sch. of Medicine, New Haven, CT, 06520-8023,
USA
SO Molecular and Cellular Biology (***1995***), 15(10), 5770-6
CODEN: MCEBD4; ISSN: 0270-7306
PB American Society for Microbiology
DT Journal
LA English

L7 ANSWER 69 OF 166 DISSABS COPYRIGHT (C) 2004 ProQuest Information and
Learning Company; All Rights Reserved on STN
AN 2000:12644 DISSABS Order Number: AAI9941259
TI ***NEUREGULIN*** -INDUCED SIGNALING AND CELL BIOLOGY IN THE LNCAP
HUMAN PROSTATE CARCINOMA CELL LINE (SIGNAL TRANSDUCTION)
AU GRASSO, ADAM WRIGHT [PH.D.]; KUNG, HSING-JIEN [adviser]
CS CASE WESTERN RESERVE UNIVERSITY (HEALTH SCIENCES) (0499)
SO Dissertation Abstracts International, (***1999***) Vol. 60, No. 8B, p.
3741. order No.: AAI9941259. 210 pages.
DT Dissertation
FS DAI
LA English

L7 ANSWER 70 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAW97623 Peptide DGENE
TI New isolated ***neuregulin*** related ligand-3 - used to develop
products for treating nervous system disorders, e.g. stroke, ischaemia,
infection, malignancy, Alzheimer's disease or Down's syndrome
IN Godowski P J; Mark M R; Zhang D
PA (GETH) GENENTECH INC.
PI ***WO 9902681 A1 19990121 101p***
AI WO 1998-US13411 19980630
PRAI US 1997-899437 19970724
US 1997-52019 19970709
DT Patent
LA English
OS 1999-120882 [10]
DESC ***Neuregulin*** related ligand 3 (NRG3) partial peptide.

L7 ANSWER 71 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAW97619 Protein DGENE
TI New isolated ***neuregulin*** related ligand-3 - used to develop
products for treating nervous system disorders, e.g. stroke, ischaemia,
infection, malignancy, Alzheimer's disease or Down's syndrome
IN Godowski P J; Mark M R; Zhang D
PA (GETH) GENENTECH INC.
PI ***WO 9902681 A1 19990121 101p***
AI WO 1998-US13411 19980630
PRAI US 1997-899437 19970724
US 1997-52019 19970709
DT Patent
LA English
OS 1999-120882 [10]
CR N-PSDB: AAX06989
DESC ***Human*** ***neuregulin*** related ligand NRG3 (splice
variant).

L7 ANSWER 72 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAW97622 Protein DGENE
TI New isolated ***neuregulin*** related ligand-3 - used to develop
products for treating nervous system disorders, e.g. stroke, ischaemia,
infection, malignancy, Alzheimer's disease or Down's syndrome

IN Godowski P J; Mark M R; Zhang D
PA (GETH) GENENTECH INC.
PI ***WO 9902681 A1 19990121 101p***
AI WO 1998-US13411 19980630
PRAI US 1997-899437 19970724
US 1997-52019 19970709
DT Patent
LA English
OS 1999-120882 [10]
DESC ***Human*** ***neuregulin*** related ligand NRG3 EGF-like domain.

L7 ANSWER 73 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAW97621 Protein DGENE
TI New isolated ***neuregulin*** related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome

IN Godowski P J; Mark M R; Zhang D
PA (GETH) GENENTECH INC.
PI ***WO 9902681 A1 19990121 101p***
AI WO 1998-US13411 19980630
PRAI US 1997-899437 19970724
US 1997-52019 19970709
DT Patent
LA English
OS 1999-120882 [10]
DESC ***Human*** ***neuregulin*** related ligand NRG3 extracellular domain.

L7 ANSWER 74 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAW97618 Protein DGENE
TI New isolated ***neuregulin*** related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome

IN Godowski P J; Mark M R; Zhang D
PA (GETH) GENENTECH INC.
PI ***WO 9902681 A1 19990121 101p***
AI WO 1998-US13411 19980630
PRAI US 1997-899437 19970724
US 1997-52019 19970709
DT Patent
LA English
OS 1999-120882 [10]
CR N-PSDB: AAX06988
DESC ***Human*** ***neuregulin*** related ligand NRG3.

L7 ANSWER 75 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAW97620 Protein DGENE
TI New isolated ***neuregulin*** related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome

IN Godowski P J; Mark M R; Zhang D
PA (GETH) GENENTECH INC.
PI ***WO 9902681 A1 19990121 101p***
AI WO 1998-US13411 19980630
PRAI US 1997-899437 19970724
US 1997-52019 19970709
DT Patent
LA English
OS 1999-120882 [10]
DESC Mouse ***neuregulin*** related ligand NRG3 extracellular domain.

L7 ANSWER 76 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAW97617 Protein DGENE
TI New isolated ***neuregulin*** related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome

IN Godowski P J; Mark M R; Zhang D
PA (GETH) GENENTECH INC.
PI ***WO 9902681 A1 19990121 101p***
AI WO 1998-US13411 19980630
PRAI US 1997-899437 19970724
US 1997-52019 19970709
DT Patent
LA English
OS 1999-120882 [10]
CR N-PSDB: AAX06987

DESC Mouse ***neuregulin*** related ligand NRG3.

L7 ANSWER 77 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAW97624 Peptide DGENE
 TI New isolated ***neuregulin*** related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome
 IN Godowski P J; Mark M R; Zhang D
 PA (GETH) GENENTECH INC.
 PI ***WO 9902681 A1 19990121 101p***
 AI WO 1998-US13411 19980630
 PRAI US 1997-899437 19970724
 US 1997-52019 19970709
 DT Patent
 LA English
 OS 1999-120882 [10]
 DESC ***Neuregulin*** related ligand 3 (NRG3) partial peptide.

L7 ANSWER 78 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAX06990 DNA DGENE
 TI New isolated ***neuregulin*** related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome
 IN Godowski P J; Mark M R; Zhang D
 PA (GETH) GENENTECH INC.
 PI ***WO 9902681 A1 19990121 101p***
 AI WO 1998-US13411 19980630
 PRAI US 1997-899437 19970724
 US 1997-52019 19970709
 DT Patent
 LA English
 OS 1999-120882 [10]
 DESC Expressed sequence tag encoding ***neuregulin*** NRG1 like protein.

L7 ANSWER 79 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAX06991 DNA DGENE
 TI New isolated ***neuregulin*** related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome
 IN Godowski P J; Mark M R; Zhang D
 PA (GETH) GENENTECH INC.
 PI ***WO 9902681 A1 19990121 101p***
 AI WO 1998-US13411 19980630
 PRAI US 1997-899437 19970724
 US 1997-52019 19970709
 DT Patent
 LA English
 OS 1999-120882 [10]
 DESC ***Neuregulin*** related ligand NRG3 probe.

L7 ANSWER 80 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAX06989 cDNA DGENE
 TI New isolated ***neuregulin*** related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome
 IN Godowski P J; Mark M R; Zhang D
 PA (GETH) GENENTECH INC.
 PI ***WO 9902681 A1 19990121 101p***
 AI WO 1998-US13411 19980630
 PRAI US 1997-899437 19970724
 US 1997-52019 19970709
 DT Patent
 LA English
 OS 1999-120882 [10]
 CR P-PSDB: AAW97619
 DESC ***Human*** ***neuregulin*** related ligand NRG3 cDNA (splice variant).

L7 ANSWER 81 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAX06988 cDNA DGENE
 TI New isolated ***neuregulin*** related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome
 IN Godowski P J; Mark M R; Zhang D
 PA (GETH) GENENTECH INC.
 PI ***WO 9902681 A1 19990121 101p***

AI WO 1998-US13411 19980630
 PRAI US 1997-899437 19970724
 US 1997-52019 19970709
 DT Patent
 LA English
 OS 1999-120882 [10]
 CR P-PSDB: AAW97618
 DESC ***Human*** ***neuregulin*** related ligand NRG3 cDNA.

L7 ANSWER 82 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAX06987 cDNA DGENE
 TI New isolated ***neuregulin*** related ligand-3 - used to develop
 products for treating nervous system disorders, e.g. stroke, ischaemia,
 infection, malignancy, Alzheimer's disease or Down's syndrome
 IN Godowski P J; Mark M R; Zhang D
 PA (GETH) GENENTECH INC.
 PI ***WO 9902681 A1 19990121 101p***
 AI WO 1998-US13411 19980630
 PRAI US 1997-899437 19970724
 US 1997-52019 19970709
 DT Patent
 LA English
 OS 1999-120882 [10]
 CR P-PSDB: AAW97617
 DESC Mouse ***neuregulin*** related ligand NRG3 cDNA.

L7 ANSWER 83 OF 166 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
 RESERVED. on STN
 AN 2001170710 EMBASE
 TI ***ErbB4*** and its isoformsselective regulation of growth factor
 responses by naturally occurring receptor variants.
 AU Junttila T.T.; Sundvall M.; Maatta J.A.; Elenius K.
 CS Dr. K. Elenius, Medicity Research Laboratory, University of Turku,
 Tykistokatu 6A, FIN-20520 Turku, Finland. klaus.elenius@utu.fi
 SO Trends in Cardiovascular Medicine, (2000) 10/7 (304-310).
 Refs: 60
 ISSN: 1050-1738 CODEN: TCMDEQ
 PUI S 1050-1738(01)00065-2
 CY United States
 DT Journal; General Review
 FS 016 Cancer
 018 Cardiovascular Diseases and Cardiovascular Surgery
 022 Human Genetics
 029 Clinical Biochemistry
 005 General Pathology and Pathological Anatomy
 LA English
 SL English

L7 ANSWER 84 OF 166 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
 RESERVED. on STN
 AN 1999188098 EMBASE
 TI Receptor binding and biological activity of mammalian expressed sensory
 and motor neuron-derived factor (SMDF).
 AU Osheroff P.L.; Tsai S.P.; Chiang N.Y.; King K.L.; Li R.; Lewis G.D.; Wong
 K.; Henzel W.; Mather J.
 CS P.L. Osheroff, Department of Protein Chemistry, Genentech Inc., South San
 Francisco, CA 94080, United States. plo@earthlink.net
 SO Growth Factors, (1998) 16/3 (241-253).
 Refs: 31
 ISSN: 0897-7194 CODEN: GRFAEC
 CY United Kingdom
 DT Journal; Article
 FS 029 Clinical Biochemistry
 LA English
 SL English

L7 ANSWER 85 OF 166 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
 on STN
 AN 2000020568 ESBIOBASE
 TI ***Neuregulin*** activation of ErbB receptors in vascular endothelium
 leads to angiogenesis
 AU Russell K.S.; Stern D.F.; Polverini P.J.; Bender J.R.
 CS J.R. Bender, Boyer Center for Molecular Medicine, Yale Univ. School of
 Medicine, 295 Congress Ave., New Haven, CT 06536-0812, United States.
 E-mail: jeffrey.bender@yale.edu
 SO American Journal of Physiology - Heart and Circulatory Physiology, (

1999), 277/6 46-6 (H2205-H2211), 39 reference(s)
 CODEN: AJPPDI ISSN: 0363-6135
 DT Journal; Article
 CY United States
 LA English
 SL English

L7 ANSWER 86 OF 166 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
 on STN
 AN 1999278473 ESBIOBASE
 TI NRG-1-induced cardiomyocyte hypertrophy. Role of PI-3-kinase, p70(S6K),
 and MEK-MAPK-RSK
 AU Baliga R.R.; Pimental D.R.; Zhao Y.-Y.; Simmons W.W.; Marchionni M.A.;
 Sawyer D.B.; Kelly R.A.
 CS R.A. Kelly, Division of Cardiology, Brigham and Women's Hospital, 75
 Francis St., Boston, MA 02115, United States.
 E-mail: rakelly@ics.bwh.harvard.edu
 SO American Journal of Physiology - Heart and Circulatory Physiology, (
 1999), 277/5 46-5 (H2026-H2037), 53 reference(s)
 CODEN: AJPPDI ISSN: 0363-6135
 DT Journal; Article
 CY United States
 LA English
 SL English

L7 ANSWER 87 OF 166 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
 on STN
 AN 1996125828 ESBIOBASE
 TI Schwann cell heparan sulfate proteoglycans play a critical role in glial
 growth factor/ ***neuregulin*** signaling
 AU Sudhalter J.; Whitehouse L.; Rusche J.R.; Marchionni M.A.; Mahanthappa
 N.K.
 CS N.K. Mahanthappa, Ontogeny Inc., Bldg. 600, 1 Kendall Square, Cambridge,
 MA 02139, United States.
 SO GLIA, (***1996***), 17/1 (28-38)
 CODEN: GLIAEJ ISSN: 0894-1491
 DT Journal; Article
 CY United States
 LA English
 SL English

L7 ANSWER 88 OF 166 MEDLINE on STN
 AN 2000406723 MEDLINE
 DN PubMed ID: 10918604
 TI Heregulin selectively upregulates vascular endothelial growth factor
 secretion in cancer cells and stimulates angiogenesis.
 AU Yen L; You X L; Al Moustafa A E; Batist G; Hynes N E; Mader S; Meloche S;
 Alaoui-Jamali M A
 CS Department of Medicine, Oncology, Lady Davis Institute for Medical
 Research of the Sir Mortimer B. Davis Jewish General Hospital, McGill
 University, Montreal, Quebec H3T 1E2, Canada.
 SO Oncogene, *** (2000 Jul 20) *** 19 (31) 3460-9.
 Journal code: 8711562. ISSN: 0950-9232.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200008
 ED Entered STN: 20000901
 Last Updated on STN: 20000915
 Entered Medline: 20000824

L7 ANSWER 89 OF 166 MEDLINE on STN
 AN 2000404374 MEDLINE
 DN PubMed ID: 10918187
 TI Expression of c-erbB receptors, heregulin and oestrogen receptor in
 human breast cell lines.
 AU deFazio A; Chiew Y E; Sini R L; Janes P W; Sutherland R L
 CS Cancer Research Program, Garvan Institute of Medical Research, St.
 Vincent's Hospital, Sydney, Australia.. annadf@westgate.wh.usyd.edu.au
 SO International journal of cancer. Journal international du cancer,
 *** (2000 Aug 15) *** 87 (4) 487-98.
 Journal code: 0042124. ISSN: 0020-7136.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English

FS Priority Journals
EM 200008
ED Entered STN: 20000901
Last Updated on STN: 20000901
Entered Medline: 20000818

L7 ANSWER 90 OF 166 MEDLINE on STN
AN 2000321425 MEDLINE
DN PubMed ID: 10861449
TI Expression of HER/erbB family of receptor tyrosine kinases and induction of differentiation by glial growth factor 2 in ***human*** rhabdomyosarcoma cells.
AU Ricci C; Landuzzi L; Rossi I; De Giovanni C; Nicoletti G; Astolfi A; Pupa S; Menard S; Scotlandi K; Nanni P; Lollini P L
CS Institute for Cancer Research, University of Bologna, Bologna, Italy.
SO International journal of cancer. Journal international du cancer, *** (2000 Jul 1)*** 87 (1) 29-36.
Journal code: 0042124. ISSN: 0020-7136.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200007
ED Entered STN: 20000720
Last Updated on STN: 20000720
Entered Medline: 20000713

L7 ANSWER 91 OF 166 MEDLINE on STN
AN 2000235468 MEDLINE
DN PubMed ID: 10772679
TI Pathogenesis of Paget's disease: epidermal heregulin-alpha, motility factor, and the HER receptor family.
AU Schelfhout V R; Coene E D; De laey B; Thys S; Page D L; De Potter C R
CS N. Goormaghtigh Institute for Pathology, University Hospital, Gent, Belgium.
SO Journal of the National Cancer Institute, *** (2000 Apr 19)*** 92 (8) 622-8.
Journal code: 7503089. ISSN: 0027-8874.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200005
ED Entered STN: 20000512
Last Updated on STN: 20000512
Entered Medline: 20000504

L7 ANSWER 92 OF 166 MEDLINE on STN
AN 2000211279 MEDLINE
DN PubMed ID: 10745024
TI ***Neuregulin*** -1 and ***human*** epidermal growth factor receptors 2 and 3 play a role in ***human*** lung development in vitro.
AU Patel N V; Acarregui M J; Snyder J M; Klein J M; Sliwowski M X; Kern J A
CS Departments of Internal Medicine, Pediatrics, and Anatomy and Cell Biology, University of Iowa College of Medicine, Iowa City, IA 52242, USA.
SO American journal of respiratory cell and molecular biology, *** (2000 Apr)*** 22 (4) 432-40.
Journal code: 8917225. ISSN: 1044-1549.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200005
ED Entered STN: 20000606
Last Updated on STN: 20021218
Entered Medline: 20000524

L7 ANSWER 93 OF 166 MEDLINE on STN
AN 2000183264 MEDLINE
DN PubMed ID: 10733345
TI Characteristics of EGFR family-mediated HRG signals in ***human*** ovarian cancer.
AU Campiglio M; Ali S; Knyazev P G; Ullrich A
CS Department of Molecular Biology, Max-Planck-Institut fur Biochemie, Martinsried, Germany.

SO Journal of cellular biochemistry, *** (1999 Jun 15) *** 73 (4) 522-32.
 Journal code: 8205768. ISSN: 0730-2312.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200003
 ED Entered STN: 20000330
 Last Updated on STN: 20000330
 Entered Medline: 20000317

L7 ANSWER 94 OF 166 MEDLINE on STN
 AN 2000055700 MEDLINE
 DN PubMed ID: 10589783
 TI The outcome of heregulin-induced activation of ovarian cancer cells
 depends on the relative levels of HER-2 and HER-3 expression.
 AU Xu F; Yu Y; Le X F; Boyer C; Mills G B; Bast R C Jr
 CS Division of Medicine, University of Texas M.D. Anderson Cancer Center,
 Houston 77030, USA.
 NC R01 CA 39930 (NCI)
 SO Clinical cancer research : an official journal of the American Association
 for Cancer Research, *** (1999 Nov) *** 5 (11) 3653-60.
 Journal code: 9502500. ISSN: 1078-0432.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200001
 ED Entered STN: 20000114
 Last Updated on STN: 20000114
 Entered Medline: 20000106

L7 ANSWER 95 OF 166 MEDLINE on STN
 AN 2000027393 MEDLINE
 DN PubMed ID: 10557094
 TI Biologic effects of heregulin/neu differentiation factor on normal and
 malignant ***human*** breast and ovarian epithelial cells.
 AU Aguilar Z; Akita R W; Finn R S; Ramos B L; Pegram M D; Kabbinavar F F;
 Pietras R J; Pisacane P; Sliwkowski M X; Slamon D J
 CS Division of Hematology and Oncology, Department of Medicine, UCLA School
 of Medicine, Los Angeles, California, CA 90095 USA.
 NC P01 CA32737 (NCI)
 SO Oncogene, *** (1999 Oct 28) *** 18 (44) 6050-62.
 Journal code: 8711562. ISSN: 0950-9232.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199912
 ED Entered STN: 20000113
 Last Updated on STN: 20000113
 Entered Medline: 19991203

L7 ANSWER 96 OF 166 MEDLINE on STN
 AN 2000027129 MEDLINE
 DN PubMed ID: 10559400
 TI ***Neuregulins*** signaling via a glial erbB-2-erbB-4 receptor complex
 contribute to the neuroendocrine control of mammalian sexual development.
 AU Ma Y J; Hill D F; Creswick K E; Costa M E; Cornea A; Lioubin M N; Plowman
 G D; Ojeda S R
 CS Division of Neuroscience, Oregon Regional Primate Research Center,
 Beaverton, Oregon 97006, USA.
 NC HD25123 (NICHD)
 P30 HD18185 (NICHD)
 RR00163 (NCRR)
 SO Journal of neuroscience : official journal of the Society for
 Neuroscience, *** (1999 Nov 15) *** 19 (22) 9913-27.
 Journal code: 8102140. ISSN: 1529-2401.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199912
 ED Entered STN: 20000113
 Last Updated on STN: 20010521
 Entered Medline: 19991202

L7 ANSWER 97 OF 166 MEDLINE on STN
 AN 2000005748 MEDLINE
 DN PubMed ID: 10537356
 TI Expression of the c-erbB-3/HER-3 and c-erbB-4/HER-4 growth factor
 receptors and their ligands, ***neuregulin*** -1 alpha,
 neuregulin -1 beta, and betacellulin, in normal endometrium and
 endometrial cancer.
 AU Srinivasan R; Benton E; McCormick F; Thomas H; Gullick W J
 CS Receptor Biology Laboratory, Imperial Cancer Research Fund Molecular
 Oncology Unit, Imperial College School of Medicine, Hammersmith Campus,
 London, United Kingdom.
 SO Clinical cancer research : an official journal of the American Association
 for Cancer Research, *** (1999 Oct) *** 5 (10) 2877-83.
 Journal code: 9502500. ISSN: 1078-0432.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199911
 ED Entered STN: 20000111
 Last Updated on STN: 20000111
 Entered Medline: 19991124

L7 ANSWER 98 OF 166 MEDLINE on STN
 AN 1999402796 MEDLINE
 DN PubMed ID: 10473632
 TI Stimulation of beta1-integrin function by epidermal growth factor and
 heregulin-beta has distinct requirements for erbB2 but a similar
 dependence on phosphoinositide 3-OH kinase.
 AU Adelsman M A; McCarthy J B; Shimizu Y
 CS Department of Laboratory Medicine and Pathology, University of Minnesota,
 Minneapolis, Minnesota 55455, USA.
 SO Molecular biology of the cell, *** (1999 Sep) *** 10 (9) 2861-78.
 Journal code: 9201390. ISSN: 1059-1524.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199910
 ED Entered STN: 19991101
 Last Updated on STN: 20000303
 Entered Medline: 19991018

L7 ANSWER 99 OF 166 MEDLINE on STN
 AN 1999243173 MEDLINE
 DN PubMed ID: 10226586
 TI Expression of P185erbB-2, P160erbB-3, P180erbB-4, and heregulin alpha in
 human normal bronchial epithelial and lung cancer cell lines.
 AU al Moustafa A E; Alaoui-Jamali M; Paterson J; O'Connor-McCourt M
 CS National Research Council Canada, Biotechnology Research Institute,
 Montreal, Quebec, Canada.. ala-eddin.al_moustafa@nrc.ca
 SO Anticancer research, *** (1999 Jan-Feb) *** 19 (1A) 481-6.
 Journal code: 8102988. ISSN: 0250-7005.
 CY Greece
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199905
 ED Entered STN: 19990601
 Last Updated on STN: 20000303
 Entered Medline: 19990520

L7 ANSWER 100 OF 166 MEDLINE on STN
 AN 1999211495 MEDLINE
 DN PubMed ID: 10197638
 TI Heregulin beta1-activated phosphatidylinositol 3-kinase enhances
 aggregation of MCF-7 breast cancer cells independent of extracellular
 signal-regulated kinase.
 AU Tan M; Grijalva R; Yu D
 CS Department of Surgical Oncology and The Breast Cancer Basic Research
 Program, The University of Texas M.D. Anderson Cancer Center, Houston
 77030, USA.
 NC CA60488 (NCI)
 SO Cancer research, *** (1999 Apr 1) *** 59 (7) 1620-5.
 Journal code: 2984705R. ISSN: 0008-5472.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199904
ED Entered STN: 19990504
Last Updated on STN: 20000303
Entered Medline: 19990421

L7 ANSWER 101 OF 166 MEDLINE on STN
AN 1999185083 MEDLINE
DN PubMed ID: 10085099
TI Cripto-1 indirectly stimulates the tyrosine phosphorylation of erb B-4 through a novel receptor.
AU Bianco C; Kannan S; De Santis M; Seno M; Tang C K; Martinez-Lacaci I; Kim N; Wallace-Jones B; Lippman M E; Ebert A D; Wechselberger C; Salomon D S
CS Tumor Growth Factor Section, Laboratory of Tumor Immunology and Biology, NCI, National Institutes of Health, Bethesda, Maryland 20892, USA.
SO Journal of biological chemistry, *** (1999 Mar 26)*** 274 (13) 8624-9.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199904
ED Entered STN: 19990511
Last Updated on STN: 20000303
Entered Medline: 19990429

L7 ANSWER 102 OF 166 MEDLINE on STN
AN 1998414625 MEDLINE
DN PubMed ID: 9742126
TI ErbB tyrosine kinases and the two ***neuregulin*** families constitute a ligand-receptor network.
CM Erratum in: Mol Cell Biol 1998 Dec;18(12):7602. Alamandi M [corrected to Alimandi M]
AU Pinkas-Kramarski R; Shelly M; Guarino B C; Wang L M; Lyass L; Alroy I; Alimandi M; Kuo A; Moyer J D; Lavi S; Eisenstein M; Ratzkin B J; Seger R; Bacus S S; Pierce J H; Andrews G C; Yarden Y; Alamandi M
CS Department of Molecular Cell Biology, The Weizmann Institute of Science, Rehovot 76100, Israel.
SO Molecular and cellular biology, *** (1998 Oct)*** 18 (10) 6090-101.
Journal code: 8109087. ISSN: 0270-7306.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199811
ED Entered STN: 19990106
Last Updated on STN: 20000314
Entered Medline: 19981105

L7 ANSWER 103 OF 166 MEDLINE on STN
AN 1998382207 MEDLINE
DN PubMed ID: 9718081
TI Expression of mRNA for heregulin and its receptor, ErbB-3 and ErbB-4, in ***human*** upper gastrointestinal mucosa.
AU Kataoka H; Joh T; Kasugai K; Okayama N; Moriyama A; Asai K; Kato T
CS First Department of Internal Medicine, Nagoya City University Medical School, Japan.
SO Life sciences, *** (1998)*** 63 (7) 553-64.
Journal code: 0375521. ISSN: 0024-3205.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199809
ED Entered STN: 19980925
Last Updated on STN: 20000303
Entered Medline: 19980915

L7 ANSWER 104 OF 166 MEDLINE on STN
AN 1998380646 MEDLINE
DN PubMed ID: 9714914
TI A Neu differentiation factor (NDF) domain essential for proliferation and alterations in morphology of colonic epithelial cells in vitro.

AU Whoriskey J S; Pekar S K; Elliott G S; Hara S; Liu N; Lenz D M; Zamborelli
T; Mayer J P; Tarpley J E; Lacey D L; Ratzkin B; Yoshinaga S K
CS Amgen Inc., Thousand Oaks, CA 91320, USA.
SO Growth factors (Chur, Switzerland), *** (1998) *** 15 (4) 307-21.
Journal code: 9000468. ISSN: 0897-7194.
CY Switzerland
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199810
ED Entered STN: 19981029
Last Updated on STN: 20000303
Entered Medline: 19981020

L7 ANSWER 105 OF 166 MEDLINE on STN
AN 1998348386 MEDLINE
DN PubMed ID: 9685225
TI Changes in heregulin beta1 (HRGbeta1) signaling after inhibition of ErbB-2
expression in a ***human*** breast cancer cell line.
AU Yoo J Y; Hamburger A W
CS Molecular and Cellular Biology Program, University of Maryland, School of
Medicine, Baltimore 21201, USA.
SO Molecular and cellular endocrinology, *** (1998 Mar 16) *** 138 (1-2)
163-71.
Journal code: 7500844. ISSN: 0303-7207.
CY Ireland
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199809
ED Entered STN: 19981008
Last Updated on STN: 20000303
Entered Medline: 19980925

L7 ANSWER 106 OF 166 MEDLINE on STN
AN 1998314856 MEDLINE
DN PubMed ID: 9652748
TI Inhibition of the MAP kinase cascade blocks heregulin-induced cell cycle
progression in T-47D ***human*** breast cancer cells.
AU Fiddes R J; Janes P W; Sivertsen S P; Sutherland R L; Musgrove E A; Daly R
J
CS Cancer Research Program, and CRC for Biopharmaceutical Research, Garvan
Institute of Medical Research, St. Vincent's Hospital, Sydney, NSW,
Australia.
SO Oncogene, *** (1998 May 28) *** 16 (21) 2803-13.
Journal code: 8711562. ISSN: 0950-9232.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199807
ED Entered STN: 19980811
Last Updated on STN: 20000303
Entered Medline: 19980728

L7 ANSWER 107 OF 166 MEDLINE on STN
AN 1998311260 MEDLINE
DN PubMed ID: 9648926
TI Heregulin-dependent autocrine loop regulates growth of K-ras but not
erbB-2 transformed rat thyroid epithelial cells.
AU Mincione G; Piccirelli A; Lazzereschi D; Salomon D S; Colletta G
CS Dipartimento di Oncologia e Neuroscienze, Cattedra di Patologia Generale,
Facolta di Medicina e Chirurgia, Universita G. D'Annunzio, Chieti, Italy.
SO Journal of cellular physiology, *** (1998 Aug) *** 176 (2) 383-91.
Journal code: 0050222. ISSN: 0021-9541.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199807
ED Entered STN: 19980716
Last Updated on STN: 20000303
Entered Medline: 19980709

L7 ANSWER 108 OF 166 MEDLINE on STN
AN 1998240966 MEDLINE

DN PubMed ID: 9581810
 TI Granulosa cell tumors express ***erbB4*** and are sensitive to the cytotoxic action of heregulin-beta2/PE40.
 AU Furger C; Fiddes R J; Quinn D I; Bova R J; Daly R J; Sutherland R L
 CS Cancer Research Program, Garvan Institute of Medical Research, St. Vincent's Hospital, Sydney, New South Wales, Australia.
 SO Cancer research, *** (1998 May 1) *** 58 (9) 1773-8.
 Journal code: 2984705R. ISSN: 0008-5472.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199806
 ED Entered STN: 19980611
 Last Updated on STN: 20000303
 Entered Medline: 19980602

L7 ANSWER 109 OF 166 MEDLINE on STN
 AN 1998234353 MEDLINE
 DN PubMed ID: 9565587
 TI Binding interaction of the heregulinbeta egf domain with ***ErbB3*** and ***ErbB4*** receptors assessed by alanine scanning mutagenesis.
 AU Jones J T; Ballinger M D; Pisacane P I; Lofgren J A; Fitzpatrick V D; Fairbrother W J; Wells J A; Sliwowski M X
 CS Department of Protein Chemistry, Genentech, Inc., South San Francisco, California 94080, USA.
 SO Journal of biological chemistry, *** (1998 May 8) *** 273 (19) 11667-74.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199806
 ED Entered STN: 19980618
 Last Updated on STN: 20000303
 Entered Medline: 19980605

L7 ANSWER 110 OF 166 MEDLINE on STN
 AN 1998223031 MEDLINE
 DN PubMed ID: 9563567
 TI Temporal and spatial expression of ***erbB4*** in ectodermal and mesenchymal cells during primary palatogenesis in noncleft and cleft strains of mice.
 AU Wang K Y; Chang F H; Chiang C P; Chen K C; Kuo M Y
 CS School of Dentistry, National Taiwan University, Taipei, ROC.
 SO Journal of oral pathology & medicine : official publication of the International Association of Oral Pathologists and the American Academy of Oral Pathology, *** (1998 Apr) *** 27 (4) 141-6.
 Journal code: 8911934. ISSN: 0904-2512.
 CY Denmark
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Dental Journals; Priority Journals
 EM 199806
 ED Entered STN: 19980618
 Last Updated on STN: 20000303
 Entered Medline: 19980609

L7 ANSWER 111 OF 166 MEDLINE on STN
 AN 1998153210 MEDLINE
 DN PubMed ID: 9485477
 TI Cytotoxicity and specificity of directed toxins composed of diphtheria toxin and the EGF-like domain of heregulin beta1.
 AU Landgraf R; Pegram M; Slamon D J; Eisenberg D
 CS Department of Chemistry and Biochemistry and Division of Hematology-Oncology, University of California--Los Angeles, Box 951570, Los Angeles, California 90095-1570, USA.
 NC 1K12 CA01714 (NCI)
 GM31299 (NIGMS)
 SO Biochemistry, *** (1998 Mar 3) *** 37 (9) 3220-8.
 Journal code: 0370623. ISSN: 0006-2960.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199804

ED Entered STN: 19980416
Last Updated on STN: 20000303
Entered Medline: 19980403

L7 ANSWER 112 OF 166 MEDLINE on STN
AN 1998103204 MEDLINE
DN PubMed ID: 9440030
TI Heregulins and the ErbB-2/3/4 receptors in gliomas.
AU Westphal M; Meima L; Szonyi E; Lofgren J; Meissner H; Hamel W; Nikolics K;
Sliwkowski M X
CS Department of Neurosurgery, University Hospital Eppendorf, Hamburg,
Germany.
SO Journal of neuro-oncology, *** (1997 Dec)*** 35 (3) 335-46.
Journal code: 8309335. ISSN: 0167-594X.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199802
ED Entered STN: 19980312
Last Updated on STN: 20000303
Entered Medline: 19980227

L7 ANSWER 113 OF 166 MEDLINE on STN
AN 97384965 MEDLINE
DN PubMed ID: 9242460
TI Prognostic significance of HER2 and HER4 coexpression in childhood
medulloblastoma.
AU Gilbertson R J; Perry R H; Kelly P J; Pearson A D; Lunec J
CS Cancer Research Unit, The Medical School, University of Newcastle upon
Tyne, United Kingdom.
SO Cancer research, *** (1997 Aug 1)*** 57 (15) 3272-80.
Journal code: 2984705R. ISSN: 0008-5472.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199709
ED Entered STN: 19970922
Last Updated on STN: 20000303
Entered Medline: 19970911

L7 ANSWER 114 OF 166 MEDLINE on STN
AN 97359771 MEDLINE
DN PubMed ID: 9216687
TI Phosphatidylinositol 3-kinase mediates heregulin-induced growth inhibition
in ***human*** epithelial cells.
AU Hamburger A W; Yoo J Y
CS University of Maryland Cancer Center, Department of Pathology, Baltimore
21201, USA.
SO Anticancer research, *** (1997 May-Jun)*** 17 (3C) 2197-200.
Journal code: 8102988. ISSN: 0250-7005.
CY Greece
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199708
ED Entered STN: 19970813
Last Updated on STN: 20000303
Entered Medline: 19970804

L7 ANSWER 115 OF 166 MEDLINE on STN
AN 97277350 MEDLINE
DN PubMed ID: 9115272
TI Secondary dimerization between members of the epidermal growth factor
receptor family.
AU Gamett D C; Pearson G; Cerione R A; Friedberg I
CS Department of Pharmacology, Veterinary Medical Center, Cornell University,
Ithaca, New York 14853, USA.
GM40654 (NIGMS)
SO Journal of biological chemistry, *** (1997 May 2)*** 272 (18) 12052-6.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals

EM 199706
 ED Entered STN: 19970612
 Last Updated on STN: 20000303
 Entered Medline: 19970602

L7 ANSWER 116 OF 166 MEDLINE on STN
 AN 97094840 MEDLINE
 DN PubMed ID: 8940074
 TI The relationship between ***human*** epidermal growth-like factor
 receptor expression and cellular transformation in NIH3T3 cells.
 AU Cohen B D; Kiener P A; Green J M; Foy L; Fell H P; Zhang K
 CS Molecular Immunology Department, Bristol-Myers Squibb, Pharmaceutical
 Research Institute, Seattle Washington 98121, USA.
 SO Journal of biological chemistry, *** (1996 Nov 29)*** 271 (48)
 30897-903.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199701
 ED Entered STN: 19970128
 Last Updated on STN: 20000303
 Entered Medline: 19970107

L7 ANSWER 117 OF 166 MEDLINE on STN
 AN 96430202 MEDLINE
 DN PubMed ID: 8833330
 TI Analysis of heregulin-induced ErbB2 phosphorylation with a high-throughput
 Kinase receptor activation enzyme-linked immunosorbant assay.
 AU Sadick M D; Sliwkowski M X; Nuijens A; Bald L; Chiang N; Lofgren J A; Wong
 W L
 CS Department of BioAnalytical Technology Research Immunochemistry, Genetech,
 Inc., South San Francisco, California 94080, USA.. sadick.michael@gene.com
 SO Analytical biochemistry, *** (1996 Mar 15)*** 235 (2) 207-14.
 Journal code: 0370535. ISSN: 0003-2697.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199705
 ED Entered STN: 19970612
 Last Updated on STN: 20000303
 Entered Medline: 19970530

L7 ANSWER 118 OF 166 MEDLINE on STN
 AN 96422506 MEDLINE
 DN PubMed ID: 8825123
 TI The significance of heregulin in breast cancer tumor progression and drug
 resistance.
 AU Lupu R; Cardillo M; Cho C; Harris L; Hijazi M; Perez C; Rosenberg K; Yang
 D; Tang C
 CS Vincent T. Lombardi Cancer Research Center, Georgetown University Medical
 Center, Washington DC, USA.
 SO Breast cancer research and treatment, *** (1996)*** 38 (1) 57-66. Ref:
 53
 Journal code: 8111104. ISSN: 0167-6806.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 199611
 ED Entered STN: 19961219
 Last Updated on STN: 20000303
 Entered Medline: 19961114

L7 ANSWER 119 OF 166 MEDLINE on STN
 AN 96386031 MEDLINE
 DN PubMed ID: 8793861
 TI ***Neuregulins*** in development.
 AU Lemke G
 CS Molecular Neurobiology Laboratory, Salk Institute, La Jolla, California
 92037, USA.
 SO Molecular and cellular neurosciences, *** (1996 Apr)*** 7 (4) 247-62.

Ref: 102
 Journal code: 9100095. ISSN: 1044-7431.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 199703
 ED Entered STN: 19970313
 Last Updated on STN: 20000303
 Entered Medline: 19970303

L7 ANSWER 120 OF 166 MEDLINE on STN
 AN 96324988 MEDLINE
 DN PubMed ID: 8702564
 TI Selective cleavage of the heregulin receptor ErbB-4 by protein kinase C activation.
 AU Vecchi M; Baulida J; Carpenter G
 CS Departments of Biochemistry and Medicine, Vanderbilt University School of Medicine, Nashville, Tennessee 37232-0146, USA.
 NC CA24071 (NCI)
 SO Journal of biological chemistry, *** (1996 Aug 2)*** 271 (31) 18989-95.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199609
 ED Entered STN: 19961008
 Last Updated on STN: 20000303
 Entered Medline: 19960924

L7 ANSWER 121 OF 166 MEDLINE on STN
 AN 96293399 MEDLINE
 DN PubMed ID: 8700512
 TI Neu differentiation factor (Heregulin) activates a p53-dependent pathway in cancer cells.
 AU Bacus S S; Yarden Y; Oren M; Chin D M; Lyass L; Zelnick C R; Kazarov A; Toyofuku W; Gray-Bablin J; Beerli R R; Hynes N E; Nikiforov M; Haffner R; Gudkov A; Keyomarsi K
 CS Advanced Cellular Diagnostics, Inc., Elmhurst, IL 60126, USA.
 NC CA60730 (NCI)
 CA62045 (NCI)
 SO Oncogene, *** (1996 Jun 20)*** 12 (12) 2535-47.
 Journal code: 8711562. ISSN: 0950-9232.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199609
 ED Entered STN: 19960912
 Last Updated on STN: 20000303
 Entered Medline: 19960904

L7 ANSWER 122 OF 166 MEDLINE on STN
 AN 96214963 MEDLINE
 DN PubMed ID: 8617810
 TI All ErbB receptors other than the epidermal growth factor receptor are endocytosis impaired.
 AU Baulida J; Kraus M H; Alimandi M; Di Fiore P P; Carpenter G
 CS Department of Biochemistry, Vanderbilt University School of Medicine, Nashville, Tennessee 37232-0146, USA.
 NC CA24071 (NCI)
 SO Journal of biological chemistry, *** (1996 Mar 1)*** 271 (9) 5251-7.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199606
 ED Entered STN: 19960620
 Last Updated on STN: 20000303
 Entered Medline: 19960611

L7 ANSWER 123 OF 166 MEDLINE on STN

AN 96205948 MEDLINE
 DN PubMed ID: 8631797
 TI An immunological approach reveals biological differences between the two
 NDF/hereregulin receptors, ErbB-3 and ErbB-4.
 AU Chen X; Levkowitz G; Tzahar E; Karunagaran D; Lavi S; Ben-Baruch N;
 Leitner O; Ratzkin B J; Bacus S S; Yarden Y
 CS Department of Chemical Immunology, Weizmann Institute of Science, Rehovot,
 Israel.
 SO Journal of biological chemistry, *** (1996 Mar 29)*** 271 (13) 7620-9.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199607
 ED Entered STN: 19960715
 Last Updated on STN: 20000303
 Entered Medline: 19960703

L7 ANSWER 124 OF 166 MEDLINE on STN
 AN 96201648 MEDLINE
 DN PubMed ID: 8622888
 TI signal transduction pathways induced by heregulin in MDA-MB-453 breast
 cancer cells.
 AU Sepp-Lorenzino L; Eberhard I; Ma Z; Cho C; Serve H; Liu F; Rosen N; Lupu R
 CS Department of Medicine, Memorial Sloan-Kettering Cancer Center, New York,
 NY 10021, USA.
 NC R01 CA 55406-01 (NCI)
 R01 CA 58706-01 (NCI)
 SO Oncogene, *** (1996 Apr 18)*** 12 (8) 1679-87.
 Journal code: 8711562. ISSN: 0950-9232.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199606
 ED Entered STN: 19960627
 Last Updated on STN: 20000303
 Entered Medline: 19960618

L7 ANSWER 125 OF 166 MEDLINE on STN
 AN 96198059 MEDLINE
 DN PubMed ID: 8626392
 TI Epidermal growth factor-related peptides activate distinct subsets of ErbB
 receptors and differ in their biological activities.
 AU Beerli R R; Hynes N E
 CS Friedrich Miescher-Institut, Basel, Switzerland.
 SO Journal of biological chemistry, *** (1996 Mar 15)*** 271 (11) 6071-6.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199606
 ED Entered STN: 19960708
 Last Updated on STN: 20000303
 Entered Medline: 19960624

L7 ANSWER 126 OF 166 MEDLINE on STN
 AN 96192335 MEDLINE
 DN PubMed ID: 9019162
 TI Heregulin (HRG)-induced mitogenic signaling and cytotoxic activity of a
 HRG/PE40 ligand toxin in ***human*** breast cancer cells.
 AU Fiddes R J; Janes P W; Sanderson G M; Sivertsen S P; Sutherland R L; Daly
 R J
 CS Co-operative Research Centre for Biopharmaceutical Research, Garvan
 Institute of Medical Research, St. Vincent's Hospital, Sydney, New South
 Wales, Australia.
 SO Cell growth & differentiation : molecular biology journal of the American
 Association for Cancer Research, *** (1995 Dec)*** 6 (12) 1567-77.
 Journal code: 9100024. ISSN: 1044-9523.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199702

ED Entered STN: 19970227
Last Updated on STN: 20020420
Entered Medline: 19970211

L7 ANSWER 127 OF 166 MEDLINE on STN
AN 96189328 MEDLINE
DN PubMed ID: 8640840
TI Growth regulation of ***human*** breast and ovarian tumor cells by heregulin: Evidence for the requirement of ErbB2 as a critical component in mediating heregulin responsiveness.
AU Lewis G D; Lofgren J A; McMurtrey A E; Nuijens A; Fendly B M; Bauer K D; Sliwowski M X
CS Genentech, Inc., South San Francisco, California 94080, USA.
SO Cancer research, *** (1996 Mar 15) *** 56 (6) 1457-65.
Journal code: 2984705R. ISSN: 0008-5472.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199607
ED Entered STN: 19960726
Last Updated on STN: 20000303
Entered Medline: 19960715

L7 ANSWER 128 OF 166 MEDLINE on STN
AN 96178221 MEDLINE
DN PubMed ID: 8617201
TI ErbB-2 is a common auxiliary subunit of NDF and EGF receptors: implications for breast cancer.
AU Karunagaran D; Tzahar E; Beerli R R; Chen X; Graus-Porta D; Ratzkin B J; Seger R; Hynes N E; Yarden Y
CS Departement of Chemical Immunology, The Weizmann Institute of Science, Rehovot, Israel.
SO EMBO journal, *** (1996 Jan 15) *** 15 (2) 254-64.
Journal code: 8208664. ISSN: 0261-4189.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199606
ED Entered STN: 19960620
Last Updated on STN: 20000303
Entered Medline: 19960613

L7 ANSWER 129 OF 166 MEDLINE on STN
AN 96152900 MEDLINE
DN PubMed ID: 8570211
TI Betacellulin activates the epidermal growth factor receptor and erbB-4, and induces cellular response patterns distinct from those stimulated by epidermal growth factor or ***neuregulin*** -beta.
AU Riese D J 2nd; Bermingham Y; van Raaij T M; Buckley S; Plowman G D; Stern D F
CS Department of Pathology, Yale University School of Medicine, New Haven, CT 06520-8023, USA.
NC CA-45708 (NCI)
HD-07149 (NICHD)
SO Oncogene, *** (1996 Jan 18) *** 12 (2) 345-53.
Journal code: 8711562. ISSN: 0950-9232.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199603
ED Entered STN: 19960315
Last Updated on STN: 20000303
Entered Medline: 19960301

L7 ANSWER 130 OF 166 MEDLINE on STN
AN 96096535 MEDLINE
DN PubMed ID: 8522190
TI Cloning of the rat ***ErbB3*** cDNA and characterization of the recombinant protein.
AU Hellyer N J; Kim H H; Greaves C H; Sierke S L; Koland J G
CS Department of Pharmacology, University of Iowa College of Medicine, Iowa City 52242-1109, USA.
SO Gene, *** (1995 Nov 20) *** 165 (2) 279-84.

Journal code: 7706761. ISSN: 0378-1119.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-U29339
 EM 199601
 ED Entered STN: 19960219
 Last Updated on STN: 20000303
 Entered Medline: 19960122

L7 ANSWER 131 OF 166 MEDLINE on STN
 AN 96077098 MEDLINE
 DN PubMed ID: 7477364
 TI Cell-cell signalling. neu tack on ***neuregulin***
 CM Comment on: Nature. 1995 Nov 23;378(6555):386-90. PubMed ID: 7477375
 Comment on: Nature. 1995 Nov 23;378(6555):390-4. PubMed ID: 7477376
 Comment on: Nature. 1995 Nov 23;378(6555):394-8. PubMed ID: 7477377
 AU Marchionni M A
 SO Nature, *** (1995 Nov 23) *** 378 (6555) 334-5.
 Journal code: 0410462. ISSN: 0028-0836.
 CY ENGLAND: United Kingdom
 DT Commentary
 News Announcement
 LA English
 FS Priority Journals
 EM 199512
 ED Entered STN: 19960124
 Last Updated on STN: 20000303
 Entered Medline: 19951228

L7 ANSWER 132 OF 166 MEDLINE on STN
 AN 96069357 MEDLINE
 DN PubMed ID: 8524214
 TI Neu differentiation factor activation of ErbB-3 and ErbB-4 is cell
 specific and displays a differential requirement for ErbB-2.
 AU Beerli R R; Graus-Porta D; Woods-Cook K; Chen X; Yarden Y; Hynes N E
 CS Friedrich Miescher-Institut, Basel, Switzerland.
 SO Molecular and cellular biology, *** (1995 Dec) *** 15 (12) 6496-505.
 Journal code: 8109087. ISSN: 0270-7306.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199601
 ED Entered STN: 19960219
 Last Updated on STN: 20000303
 Entered Medline: 19960119

L7 ANSWER 133 OF 166 MEDLINE on STN
 AN 95403469 MEDLINE
 DN PubMed ID: 7673253
 TI Heregulin activation of extracellular acidification in mammary carcinoma
 cells is associated with expression of HER2 and HER3.
 AU Chan S D; Antoniucci D M; Fok K S; Alajoki M L; Harkins R N; Thompson S A;
 Wada H G
 CS Molecular Devices Corporation, Sunnyvale, California 94089, USA.
 SO Journal of biological chemistry, *** (1995 Sep 22) *** 270 (38)
 22608-13.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199510
 ED Entered STN: 19951026
 Last Updated on STN: 20000303
 Entered Medline: 19951017

L7 ANSWER 134 OF 166 MEDLINE on STN
 AN 95279430 MEDLINE
 DN PubMed ID: 7759543
 TI HER4 receptor activation and phosphorylation of Shc proteins by
 recombinant heregulin-Fc fusion proteins.
 AU Culouscou J M; Carlton G W; Aruffo A
 CS Bristol-Myers Squibb Pharmaceutical Research Institute, Seattle,

Washington 98121, USA.
 SO Journal of biological chemistry, *** (1995 May 26) *** 270 (21)
 12857-63.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199506
 ED Entered STN: 19950707
 Last Updated on STN: 20000303
 Entered Medline: 19950628

L7 ANSWER 135 OF 166 MEDLINE on STN
 AN 95249250 MEDLINE
 DN PubMed ID: 7731691
 TI ErbB-3 mediates differential mitogenic effects of NDF/heregulin isoforms
 on mouse keratinocytes.
 AU Marikovsky M; Lavi S; Pinkas-Kramarski R; Karunakaran D; Liu N; Wen D;
 Yarden Y
 CS Department of Cell Biology, Weizmann Institute of Science, Rehovot,
 Israel.
 NC CA51712 (NCI)
 SO Oncogene, *** (1995 Apr 6) *** 10 (7) 1403-11.
 Journal code: 8711562. ISSN: 0950-9232.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199505
 ED Entered STN: 19950608
 Last Updated on STN: 20000303
 Entered Medline: 19950530

L7 ANSWER 136 OF 166 MEDLINE on STN
 AN 95238481 MEDLINE
 DN PubMed ID: 7721889
 TI The structural basis for the specificity of epidermal growth factor and
 heregulin binding.
 CM Erratum in: J Biol Chem 1995 Nov 24;270(47):28494
 AU Barbacci E G; Guarino B C; Stroh J G; Singleton D H; Rosnack K J; Moyer J
 D; Andrews G C
 CS Pfizer Central Research, Groton, Connecticut 06340, USA.
 SO Journal of biological chemistry, *** (1995 Apr 21) *** 270 (16) 9585-9.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199505
 ED Entered STN: 19950605
 Last Updated on STN: 20000303
 Entered Medline: 19950523

L7 ANSWER 137 OF 166 MEDLINE on STN
 AN 95221428 MEDLINE
 DN PubMed ID: 7535774
 TI HER4 expression correlates with cytotoxicity directed by a heregulin-toxin
 fusion protein.
 AU Siegall C B; Bacus S S; Cohen B D; Plowman G D; Mixan B; Chace D; Chin D
 M; Goetze A; Green J M; Hellstrom I; +
 CS Molecular Immunology Department, Bristol-Myers Squibb, Pharmaceutical
 Research Institute, Seattle, Washington 98121, USA.
 SO Journal of biological chemistry, *** (1995 Mar 31) *** 270 (13) 7625-30.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199505
 ED Entered STN: 19950518
 Last Updated on STN: 20020420
 Entered Medline: 19950510

L7 ANSWER 138 OF 166 MEDLINE on STN
 AN 95221358 MEDLINE

DN PubMed ID: 7535767
TI Heregulin stimulates mitogenesis and phosphatidylinositol 3-kinase in
mouse fibroblasts transfected with erbB2/neu and ***erbB3***
AU Carraway K L 3rd; Soltoff S P; Diamonti A J; Cantley L C
CS Department of Cell Biology, Harvard Medical School, Boston, Massachusetts
02115, USA.
NC GM41890 (NIGMS)
SO Journal of biological chemistry, *** (1995 Mar 31) *** 270 (13) 7111-6.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199505
ED Entered STN: 19950518
Last Updated on STN: 20000303
Entered Medline: 19950510

L7 ANSWER 139 OF 166 MEDLINE on STN
AN 95183480 MEDLINE
DN PubMed ID: 7877996
TI Axon-induced mitogenesis of ***human*** Schwann cells involves
heregulin and p185erbB2.
AU Morrissey T K; Levi A D; Nuijens A; Sliwkowski M X; Bunge R P
CS Miami Project to Cure Paralysis, University of Miami School of Medicine,
FL 33136.
SO Proceedings of the National Academy of Sciences of the United States of
America, *** (1995 Feb 28) *** 92 (5) 1431-5.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199504
ED Entered STN: 19950419
Last Updated on STN: 20000303
Entered Medline: 19950404

L7 ANSWER 140 OF 166 MEDLINE on STN
AN 95173674 MEDLINE
DN PubMed ID: 7869101
TI The influence of heregulins on ***human*** Schwann cell proliferation.
AU Levi A D; Bunge R P; Lofgren J A; Meima L; Hefti F; Nikolics K; Sliwkowski
M X
CS Miami Project to Cure Paralysis, University of Miami School of Medicine,
Florida 33136.
NC NS09923 (NINDS)
SO Journal of neuroscience : official journal of the Society for
Neuroscience, *** (1995 Feb) *** 15 (2) 1329-40.
Journal code: 8102140. ISSN: 0270-6474.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199503
ED Entered STN: 19950407
Last Updated on STN: 20000303
Entered Medline: 19950329

L7 ANSWER 141 OF 166 MEDLINE on STN
AN 95164044 MEDLINE
DN PubMed ID: 7860149
TI Targeted inhibition of tumor-cell growth by recombinant heregulin-toxin
fusion proteins.
AU Jeschke M; Wels W; Dengler W; Imber R; Stocklin E; Groner B
CS Friedrich Miescher Institute, Basel, Switzerland.
SO International journal of cancer. Journal international du cancer,
*** (1995 Mar 3) *** 60 (5) 730-9.
Journal code: 0042124. ISSN: 0020-7136.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199503
ED Entered STN: 19950404
Last Updated on STN: 20020420

Entered Medline: 19950323

L7 ANSWER 142 OF 166 MEDLINE on STN
AN 93366731 MEDLINE
DN PubMed ID: 7689552
TI Characterization of a breast cancer cell differentiation factor that
specifically activates the HER4/p180erbB4 receptor.
AU Culouscou J M; Plowman G D; Carlton G W; Green J M; Shoyab M
CS Bristol-Myers Squibb Pharmaceutical Research Institute, Seattle,
Washington 98121.
SO Journal of biological chemistry, *** (1993 Sep 5)*** 268 (25) 18407-10.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199309
ED Entered STN: 19931015
Last Updated on STN: 20000303
Entered Medline: 19930930

L7 ANSWER 143 OF 166 NTIS COPYRIGHT 2004 NTIS on STN
AN 2001(15):02385 NTIS Order Number: ADA383088/XAB
TI Network Interaction of erbB, neu-erb2, ***erbB3***, ***erbB4***
in the Biological Response to NDF/hereregulins. Final rept. 28 Sep 1994-27
Sep 1999.
AU Stern, D. F.
CS Yale Univ., New Haven, CT. School of Medicine. (009907064 382650)
NR ADA383088/XAB
92p; Oct 1999
NC Contract(s): DAMD17-94-J-4476
DT Report
CY United States
LA English
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OS GRA&I0103

L7 ANSWER 144 OF 166 NTIS COPYRIGHT 2004 NTIS on STN
AN 2000(15):02798 NTIS Order Number: ADA368556/XAB
TI Network Interaction of erbB, neu-erb2, ***erbB3***, ***erbB4***
in the Biological Response to NDF/hereregulins. Annual rept. 28 Sep 97-27
Sep 98.
AU Stern, D. F.
CS Yale Univ., New Haven, CT. School of Medicine. (009907064 382650)
NR ADA368556/XAB
37p; Oct 1998
NC Contract(s): DAMD17-94-J-4476
DT Report
CY United States
LA English
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OS GRA&I0003

L7 ANSWER 145 OF 166 NTIS COPYRIGHT 2004 NTIS on STN
AN 1998(19):00351 NTIS Order Number: AD-A340 922/4/XAB
TI Network Interaction of erbB, neu-erb2, ***erbB3***, ***erbB4***
, in the Biological Response to NDF/Heregulins. Annual rept. 28 Sep
96-27 Sep 97.
AU Stern, D. F.
CS Yale Univ., New Haven, CT. School of Medicine. (009907064 382650)
NR AD-A340 922/4/XAB
95p; Oct 1997
NC Contract(s): DAMD17-94-J-4476
DT Report
CY United States
LA English
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ANSWER 146 OF 166 NTIS COPYRIGHT 2004 NTIS on STN
1997(17):05035 NTIS Order Number: AD-A321 836/9/XAB
Network Interaction of erbB, neu-erbB2, ***erbB3***, ***erbB4***
, in the Biological Response to NDF/Heregulins. Annual rept. 28 Sep
95-27 Sep 96.

Stern, D. F.
Yale Univ., New Haven, CT. (009907000 382450)

AD-A321 836/9/XAB

53p; Oct 1996

Contract(s): DAMD17-94-J-4476

Report

United States

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ANSWER 147 OF 166 NTIS COPYRIGHT 2004 NTIS on STN
1996(18):06476 NTIS Order Number: AD-A303 500/3/XAB
Network Interaction of erbB, neu-erbB2, ***erbB3***, ***erbB4***
, in the Biological Response to NDF/ ***Neuregulins***. Annual rept.
28 Sep 94-27 Sep 95.

Stern, D. F.

Yale Univ., New Haven, CT. School of Medicine. (009907064 382650)

AD-A303 500/3/XAB

67p; Oct 1995

Contract(s): DAMD17-94-J-4476

Report

United States

English

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2000-0053860 PASCAL

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Neuregulin activation of ErbB receptors in vascular endothelium
leads to angiogenesis in vascular endothelium leads to angiogenesis

RUSSELL K. S.; STERN D. F.; POLVERINI P. J.; BENDER J. R.

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Boyer Center for Molecular Medicine, New Haven, Connecticut, United
States; Department of Pathology, Yale University School of Medicine, New
Haven, Connecticut, 06536-0812, United States; Section of Pathology,
University of Michigan School of Dentistry, Ann Arbor, Michigan,
48109-1078, United States

American journal of physiology. Heart and circulatory physiology,
*** (1999) *** , 46(6), H2205-H2211, 39 refs.

ISSN: 0363-6135 CODEN: AJPPDI

Journal

Analytic

United States

English

INIST-670D, 354000080882480110

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NRG-1-induced cardiomyocyte hypertrophy. Role of PI-3-kinase,
p70.sup.S.sup.6.sup.K, and MEK-MAPK-RSK

BALIGA R. R.; PIMENTAL D. R.; ZHAO Y.-Y.; SIMMONS W. W.; MARCHIONNI M.

A.; SAWYER D. B.; KELLY R. A.

Cardiovascular Division, Brigham and women's Hospital and Harvard Medical

School, Boston 02115, United States; Cambridge Neurosciences, Cambridge, Massachusetts 02139, United States; Department of Medicine, University of California at San Diego School of Medicine, La Jolla, California 92093, United States

SO American journal of physiology. Heart and circulatory physiology,
*** (1999)***, 46(5), H2026-H2037, 53 refs.
ISSN: 0363-6135 CODEN: AJPPDI

DT Journal
BL Analytic
CY United States
LA English
AV INIST-670D, 354000080367180440

L7 ANSWER 150 OF 166 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1999:961303 SCISEARCH

GA The Genuine Article (R) Number: 264DC

TI ***Neuregulin*** receptor-mediated gene transfer by ***human***
epidermal growth factor receptor 2-targeted antibodies and
neuregulin -1

AU Kern J A (Reprint); Wakita R; Sliwowski M X
CS UNIV IOWA, DEPT INTERNAL MED, C-33, GH, IOWA CITY, IA 52242 (Reprint);
GENENTECH INC, DEPT PROT CHEM, S SAN FRANCISCO, CA 94080

CYA USA
SO CANCER GENE THERAPY, (***NOV-DEC 1999***) Vol. 6, No. 6, pp. 537-545.
Publisher: STOCKTON PRESS, 345 PARK AVE SOUTH, NEW YORK, NY 10010-1707.
ISSN: 0929-1903.

DT Article; Journal
FS LIFE; CLIN
LA English

REC Reference Count: 54
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L7 ANSWER 151 OF 166 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1999:431469 SCISEARCH

GA The Genuine Article (R) Number: 201LX

TI The ***human*** ***neuregulin*** -2 (NRG2) gene: cloning, mapping
and evaluation as a candidate for the autosomal recessive form of
Charcot-Marie Tooth disease linked to 5q

AU Ring H Z; Chang H; Guilbot A; Brice A; LeGuern E; Francke U (Reprint)
CS STANFORD UNIV, SCH MED, HOWARD HUGHES MED INST, STANFORD, CA 94305
(Reprint); STANFORD UNIV, SCH MED, HOWARD HUGHES MED INST, STANFORD, CA
94305; STANFORD UNIV, SCH MED, DEPT MED, STANFORD, CA 94305; HOP LA PITIE
SALPETRIERE, INWERM U289, FEDERAT NEUROL, PARIS, FRANCE

CYA USA; FRANCE
SO HUMAN GENETICS, (***APR 1999***) Vol. 104, No. 4, pp. 326-332.
Publisher: SPRINGER VERLAG, 175 FIFTH AVE, NEW YORK, NY 10010.
ISSN: 0340-6717.

DT Article; Journal
FS LIFE
LA English

REC Reference Count: 18
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L7 ANSWER 152 OF 166 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1998:888498 SCISEARCH

GA The Genuine Article (R) Number: 139BR

TI Sensory and motor neuron-derived factor is a transmembrane heregulin that
is expressed on the plasma membrane with the active domain exposed to the
extracellular environment

AU Schroering A; Carey D J (Reprint)
CS PENN STATE COLL MED, WEIS CTR RES, 100 N ACAD AVE, DANVILLE, PA 17822
(Reprint); PENN STATE COLL MED, WEIS CTR RES, DANVILLE, PA 17822

CYA USA
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (***13 NOV 1998***) Vol. 273, No. 46,
pp. 30643-30650.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
PIKE, BETHESDA, MD 20814.
ISSN: 0021-9258.

DT Article; Journal
FS LIFE
LA English

REC Reference Count: 29
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L7 ANSWER 153 OF 166 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1998:389442 SCISEARCH

GA The Genuine Article (R) Number: ZH263
TI Expression and localization of ***ERBB4*** and its ligand,
neuregulin, in ***human*** gastrointestinal mucosa
AU Kataoka H (Reprint); Joh T; Tsuchida K; Seno K; Yokoyama Y; Kato T; Itoh M
CS NAGOYA CITY UNIV, SCH MED, DEPT INTERNAL MED 1, NAGOYA, AICHI 467, JAPAN;
NAGOYA CITY UNIV, SCH MED, DEPT BIOREGULAT RES, NAGOYA, AICHI 467, JAPAN
CYA JAPAN
SO GASTROENTEROLOGY, (***15 APR 1998***) Vol. 114, No. 4, Part 2, Supp.
[S], pp. G3639-G3639.
Publisher: W B SAUNDERS CO, INDEPENDENCE SQUARE WEST CURTIS CENTER, STE
300, PHILADELPHIA, PA 19106-3399.
ISSN: 0016-5085.
DT Conference; Journal
FS LIFE; CLIN
LA English
REC Reference Count: 0

L7 ANSWER 154 OF 166 TOXCENTER COPYRIGHT 2004 ACS on STN
AN 2002:575097 TOXCENTER
DN DART-TER-98000421
TI Role of glial growth factor in urodele limb regeneration.
AU Wang L; Irvin B; Klatt K; Christensen R; Marchionni M; Tassava R
CS Dept. of Molecular Genetics, Ohio State University, Columbus, OH.
SO Teratology, (***1998 Feb***) 57 (2) 114.
ISSN: 0040-3709.
DT Abstract
FS DART
LA English
ED Entered STN: 20040713
Last Updated on STN: 20040713

L7 ANSWER 155 OF 166 USPATFULL on STN
AN 2003:136945 USPATFULL
TI ERbB-4 targeted ribozymes
IN Tang, Careen K., Bethesda, MD, United States
Lippman, Marc E., Ann Arbor, MD, United States
PA Georgetown University, Washington, DC, United States (U.S. corporation)
PI US 6566104 B1 20030520
WO 9923209 19990514 <--
AI US 2000-530224 20000623 (9)
WO 1998-US23279 19981030
DT Utility
FS GRANTED
LN.CNT 1347
INCL INCLM: 435/091.310
INCLS: 435/006.000; 435/091.100; 435/455.000; 435/458.000; 536/023.100;
536/024.500
NCL NCLM: 435/091.310
NCLS: 435/006.000; 435/091.100; 435/455.000; 435/458.000; 536/023.100;
536/024.500
IC [7]
ICM: C12P019-34
ICS: C12Q001-68; C12N015-63; C07H021-02; C07H021-04
EXF 435/6; 435/91.1; 435/91.31; 435/455; 435/458; 435/366; 435/375; 514/44;
536/23.1; 536/24.5
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 156 OF 166 USPATFULL on STN
AN 2002:160547 USPATFULL
TI Tyrosine kinase receptors and ligands
IN Valenzuela, David M., Yorktown Heights, NY, United States
Glass, David J., Cortlandt Manor, NY, United States
Bowen, David C., Washington, DC, United States
Yancopoulos, George D., Yorktown Heights, NY, United States
PA Regeneron Pharmaceuticals, Inc., Tarrytown, NY, United States (U.S.
corporation)
PI US 6413740 B1 20020702
WO 9721811 19970619 <--
AI US 1998-77955 19980910 (9)
WO 1996-US20695 19961213
19980910 PCT 371 date
RLI Continuation-in-part of Ser. No. US 1996-644271, filed on 10 May 1996,
now patented, Pat. No. US 5814478
PRAI US 1995-8657P 19951215 (60)
DT Utility
FS GRANTED

LN.CNT 3819
INCL INCLM: 435/069.100
INCLS: 435/070.100; 435/071.100; 435/071.200; 536/023.500; 530/350.000
NCL NCLM: 435/069.100
NCLS: 435/070.100; 435/071.100; 435/071.200; 530/350.000; 536/023.500
IC [7]
ICM: C12P021-06
ICS: C12P021-04; C07H021-04; C07K001-00; C12N015-74
EXF 514/2; 530/350; 530/300; 536/23.1; 536/23.5; 435/69.1; 435/70.1;
435/71.1; 435/71.2; 435/252.3; 435/320.1; 435/325; 435/471
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 157 OF 166 USPATFULL on STN
AN 2000:150160 USPATFULL
TI Heregulin antagonists and methods for their use
IN Yang, Dajun, Gaithersburg, MD, United States
Wang, Shaomeng, McLean, VA, United States
Kozikowski, Alan P., Princeton, NJ, United States
Lippman, Marc E., Bethesda, MD, United States
PA Georgetown University, Washington, DC, United States (U.S. corporation)
PI US 6143740 20001107 <--
WO 9821956 19980528 <--
AI US 1999-308396 19990816 (9)
WO 1997-US21474 19971119
19990816 PCT 371 date
19990816 PCT 102(e) date
PRAI US 1996-31368P 19961119 (60)
DT Utility
FS Granted

LN.CNT 578
INCL INCLM: 514/183.000
INCLS: 514/255.000; 540/575.000; 544/374.000; 530/350.000; 530/389.300
NCL NCLM: 514/183.000
NCLS: 514/252.110; 514/254.110; 530/350.000; 530/389.300; 540/575.000;
544/374.000
IC [7]
ICM: A61K031-33
ICS: A61K031-495; C07K001-00; C07K016-00
EXF 540/575; 514/183; 514/255; 544/374; 530/350; 530/389.3
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 158 OF 166 USPATFULL on STN
AN 2000:138508 USPATFULL
TI Don-1 gene and polypeptides and uses therefor
IN Gearing, David P., Wellesley, MA, United States
Busfield, Samantha J., Cambridge, MA, United States
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S. corporation)
PI US 6133423 20001017 <--
AI US 1999-398496 19990917 (9)
RLI Division of Ser. No. US 1996-753007, filed on 19 Nov 1996 which is a continuation-in-part of Ser. No. US 1996-699591, filed on 19 Aug 1996, now abandoned
DT Utility
FS Granted
LN.CNT 3458
INCL INCLM: 530/350.000
INCLS: 530/399.000
NCL NCLM: 530/350.000
NCLS: 530/399.000
IC [7]
ICM: C07K014-475
EXF 530/350; 530/399
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 159 OF 166 USPATFULL on STN
AN 2000:88152 USPATFULL
TI Use of ****neuregulins*** as modulators of cellular communication
IN Gwynne, David I., Beverly, MA, United States
Mahanthappa, Nagesh K., Cambridge, MA, United States
Marchionni, Mark A., Arlington, MA, United States
Birmingham-McDonogh, Olivia, Watertown, MA, United States
Goldin, Stanley M., Lexington, MA, United States
McBurney, Robert N., Newton, MA, United States
PA Cambridge Neuroscience, Inc., Cambridge, MA, United States (U.S. corporation)

PI US 6087323 20000711 <--
 AI US 1994-341018 19941117 (8)
 RLI Continuation-in-part of Ser. No. US 1993-36555, filed on 24 Mar 1993,
 now patented, Pat. No. US 5530109 which is a continuation-in-part of
 Ser. No. US 1992-965173, filed on 23 Oct 1992, now abandoned Ser. No.
 Ser. No. US 1992-940389, filed on 3 Sep 1992, now abandoned Ser. No.
 Ser. No. US 1992-907138, filed on 30 Jun 1992, now abandoned Ser. No.
 Ser. No. US 1992-863703, filed on 3 Apr 1992, now abandoned
 DT Utility
 FS Granted
 LN.CNT 3179
 INCL INCLM: 514/002.000
 INCLS: 514/012.000
 NCL NCLM: 514/002.000
 NCLS: 514/012.000
 IC [7]
 ICM: A61K038-00
 EXF 514/12; 514/2
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 160 OF 166 USPATFULL on STN
 AN 2000:74107 USPATFULL
 TI Don-1 gene and polypeptides and uses therefor
 IN Gearing, David P., Wellesley, MA, United States
 Busfield, Samantha J., Cambridge, MA, United States
 PA Millennium BioTherapeutics, Inc., Cambridge, MA, United States (U.S.
 corporation)
 PI US 6074841 20000613 <--
 AI US 1996-753007 19961119 (8)
 RLI Continuation-in-part of Ser. No. US 1996-699591, filed on 19 Aug 1996,
 now abandoned
 DT Utility
 FS Granted
 LN.CNT 3500
 INCL INCLM: 435/069.100
 INCLS: 536/023.500; 435/320.100; 435/325.000
 NCL NCLM: 435/069.100
 NCLS: 435/320.100; 435/325.000; 536/023.500
 IC [7]
 ICM: C12N015-12
 EXF 536/23.4; 536/23.5; 435/325; 435/69.1; 435/252.3; 435/320.1; 530/387.3
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 161 OF 166 USPATFULL on STN
 AN 1998:119000 USPATFULL
 TI Tyrosine kinase receptors and ligands
 IN Valenzuela, David M., Franklin Square, NY, United States
 Glass, David J., White Plains, NY, United States
 Bowen, David C., Yonkers, NY, United States
 Yancopoulos, George D., Yorktown Heights, NY, United States
 PA Regeneron Pharmaceuticals, Inc., Tarrytown, NY, United States (U.S.
 corporation)
 PI US 5814478 19980929 <--
 AI US 1996-644271 19960510 (8)
 PRAI US 1995-8657P 19951215 (60)
 DT Utility
 FS Granted
 LN.CNT 3104
 INCL INCLM: 435/065.100
 INCLS: 435/069.700; 435/252.300; 435/320.100; 435/325.000; 530/300.000;
 530/350.000; 536/023.100; 536/023.500
 NCL NCLM: 435/069.100
 NCLS: 435/069.700; 435/252.300; 435/320.100; 435/325.000; 530/300.000;
 530/350.000; 536/023.100; 536/023.500
 IC [6]
 ICM: C12P021-06
 EXF 530/350; 530/300; 536/23.1; 536/23.5; 435/69.1; 435/69.7; 435/252.3;
 435/320.1; 435/325
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 162 OF 166 USPATFULL on STN
 AN 1998:72592 USPATFULL
 TI Sensory and motor neuron derived factor (SMDF)
 IN Ho, Wei-Hsien, Palo Alto, CA, United States
 osherooff, Phyllis L., Woodside, CA, United States
 PA Genentech, Inc., South San Francisco, CA, United States (U.S.

corporation)
PI US 5770567 19980623 <--
AI US 1994-339517 19941114 (8)
DT Utility
FS Granted
LN.CNT 3771
INCL INCLM: 514/012.000
INCLS: 514/002.000; 530/350.000; 530/395.000; 530/399.000
NCL NCLM: 514/012.000
NCLS: 514/002.000; 530/350.000; 530/395.000; 530/399.000
IC [6]
ICM: A61K038-18
ICS: C07K014-475
EXF 530/350; 530/395; 530/399; 435/69.1; 435/70.1; 435/71.1; 514/2; 514/12
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 163 OF 166 USPATFULL on STN
AN 1998:65003 USPATFULL
TI Sensory and motor neuron derived factor (SMDF)
IN Ho, Wei-Hsien, Palo Alto, CA, United States
Osheroff, Phyllis L., Woodside, CA, United States
PA Genentech, Inc., South San Francisco, CA, United States (U.S.
corporation)
PI US 5763213 19980609 <--
AI US 1995-428298 19950425 (8)
RLI Division of Ser. No. US 1994-339517, filed on 14 Nov 1994
DT Utility
FS Granted
LN.CNT 3837
INCL INCLM: 435/069.100
INCLS: 435/320.100; 435/325.000; 536/023.500
NCL NCLM: 435/069.100
NCLS: 435/320.100; 435/325.000; 536/023.500
IC [6]
ICM: C07H021-04
ICS: C12N015-63; C12N015-85; C12P021-02
EXF 435/69.1; 435/70.1; 435/71.1; 435/240.1; 435/320.1; 435/325; 536/23.5;
536/24.1; 536/24.3; 536/24.33
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 164 OF 166 USPATFULL on STN
AN 1998:57880 USPATFULL
TI Methods involving sensory and motor neuron derived factor (SMDF)
IN Ho, Wei-Hsien, Palo Alto, CA, United States
Osheroff, Phyllis L., Woodside, CA, United States
PA Genentech, Inc., South San Francisco, CA, United States (U.S.
corporation)
PI US 5756456 19980526 <--
AI US 1995-428927 19950425 (8)
RLI Division of Ser. No. US 1994-339517, filed on 14 Nov 1994
DT Utility
FS Granted
LN.CNT 3757
INCL INCLM: 514/012.000
INCLS: 514/002.000
NCL NCLM: 514/012.000
NCLS: 514/002.000
IC [6]
ICM: A61K038-18
EXF 514/2; 514/12; 435/69.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 165 OF 166 USPATFULL on STN
AN 97:83613 USPATFULL
TI Antibodies to SMDF
IN Ho, Wei-Hsien, Palo Alto, CA, United States
Osheroff, Phyllis L., Woodside, CA, United States
PA Genentech, Inc., South San Francisco, CA, United States (U.S.
corporation)
PI US 5667780 19970916 <--
AI US 1995-428926 19950425 (8)
RLI Division of Ser. No. US 1994-339517, filed on 14 Nov 1994
DT Utility
FS Granted
LN.CNT 3743
INCL INCLM: 424/139.100

INCLS: 530/388.230; 530/388.850; 530/389.200; 530/391.300; 530/387.900;
 530/387.300
 NCL NCLM: 424/139.100
 NCLS: 530/387.300; 530/387.900; 530/388.230; 530/388.850; 530/389.200;
 530/391.300
 IC [6]
 ICM: C07K016-18
 ICS: A61K039-395; C12N005-12
 EXF 424/133.1; 424/139.1; 424/141.1; 424/145.1; 424/156.1; 435/240.27;
 530/387.3; 530/387.9; 530/388.15; 530/388.24; 530/388.85; 530/391.3
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 166 OF 166 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN
 AN 2000-687251 [67] WPIDS
 DNC C2000-209140
 TI Treating or preventing congestive heart failure in mammals by
 administering polypeptide comprising epidermal growth factor like domain
 encoded by ***neuregulin*** gene.
 DC B04 D16
 IN KELLY, R; LORELL, B; MARCHIONNI, M; SAWYER, D B
 PA (BETH-N) BETH ISRAEL DEACONESS MEDICAL CENT; (BGHM) BRIGHAM & WOMENS
 HOSPITAL INC; (CAMB-N) CAMBRIDGE NEUROSCIENCE INC; (BGHM) BRIGHAM & WOMENS
 HOSPITAL; (CENE-N) CENES PHARM INC
 CYC 24
 PI WO 2000064400 A2 20001102 (200067)* EN 74 A61K000-00 <--
 RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 W: AU CA JP KR
 AU 2000049744 A 20001110 (200109) A61K000-00 <--
 EP 1180040 A2 20020220 (200221) EN A61K039-00
 R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
 KR 2002016773 A 20020306 (200261) A61K038-18
 JP 2002542270 W 20021210 (200301) 78 A61K038-00
 US 6635249 B1 20031021 (200370) A61K039-395
 ADT WO 2000064400 A2 WO 2000-US10664 20000420; AU 2000049744 A AU 2000-49744
 20000420; EP 1180040 A2 EP 2000-931938 20000420, WO 2000-US10664 20000420;
 KR 2002016773 A KR 2001-713409 20011020; JP 2002542270 W JP 2000-613391
 20000420, WO 2000-US10664 20000420; US 6635249 B1 US 1999-298121 19990423
 FDT AU 2000049744 A Based on WO 2000064400; EP 1180040 A2 Based on WO
 2000064400; JP 2002542270 W Based on WO 2000064400
 PRAI US 1999-298121 19990423
 IC ICM A61K000-00; A61K038-00; A61K038-18; A61K039-00; A61K039-395
 ICS A61K048-00; A61P009-04
 ICA C12N015-09
 STN INTERNATIONAL LOGOFF AT 17:40:01 ON 26 AUG 2004